UNIVERSITY COLLEGE, LONDON.

REPORT OF THE COUNCIL,

FINANCIAL STATEMENTS,

AND

OTHER DOCUMENTS,

TO BE PRESENTED TO

THE MEMBERS OF THE COLLEGE

AT THE

ANNUAL GENERAL MEETING

ON

WEDNESDAY, 24th FEBRUARY, 1904.

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OFFICERS OF THE COLLEGE.

President.—The Rt. Hon. LORD REAY, G.C.S.I., LL.D.
Vice-President.—The Rt. Hon. LORD MONKSWELL.
Treasurer.—*Sir RICHARD FARRANT.

COUNCIL.

THE PRESIDENT. THE VICE-PRESIDENT. THE TREASURER.

*Walter Baily, M.A.
H. R. Beeton.
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*Professor J. R. Bradford, M.D., D.Sc., F.R.S.†
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*Professor J. A. Platt, M.A.
Sir John Rotton, M.A., LL.B., K.C.
*W. Arthur Sharpe.
Professor H. R. Spencer, M.D., F.R.C.P.
*Professor E. H. Starling, M.D., B.S., F.R.C.P., F.R.S.
Richard Worsley.

AUDITORS.

George A. Aitken.
John Hennell, B.A.
Edwin Waterhouse, B.A., F.C.A. (*Professional*).

Principal.—G. CAREY FOSTER, B.A., LL.D., D.Sc., F.R.S.†
Lady Superintendent of Women Students. } Miss ROSA MORISON.
Secretary.—T. GREGORY FOSTER, Ph.D.†

* Member of the Committee of Management.
† Fellow of the College.

SENATE.

President.—G. CAREY FOSTER, B.A., LL.D., D.Sc., F.R.S.*

Vice-Presidents.—The Rt. Hon. LORD MONKSWELL.†

Sir JOHN ROTTON, M.A., LL.B., K.C.†

	Appointed.
A. E. BARKER, F.R.C.S.†	1892
Sir THOMAS BARLOW, Bart., M.D., K.C.V.O.†	1896
J. F. BLUMHARDT, M.A.	1896
J. R. BRADFORD, M.D., F.R.S.*	1895
LOUIS M. BRANDIN, M.A., Ph.D.	1901
FREDK. BROWN †	1892
A. J. BUTLER, M.A.	1898
OSBERT CHADWICK, M.Inst.C.E., M.Inst.M.E., C.M.G.	1898
J. NORMAN COLLIE, Ph.D., F.R.S.	1902
J. D. CORMACK, B.Sc., M.Inst.E.E.	1901
T. W. RHYS DAVIDS, LL.D., Ph.D.†	1882
J. A. FLEMING, M.A., D.Sc., F.R.S.*	1885
H. S. FOXWELL, M.A.†	1881
E. A. GARDNER, M.A.†	1896
E. J. GARWOOD, M.A.	1901
R. J. GODLEE, M.B., M.S., F.R.C.S.*	1893
HERMANN GOLLANCZ, M.A., D.Litt.	1902
VAUGHAN HARLEY, M.D., M.R.C.P.†	1896
M. J. M. HILL, M.A., D.Sc., F.R.S.*	1884
W. S. HOLDSWORTH, M.A.	1903
Sir V. A. H. HORSLEY, M.B., B.S., F.R.S.*	1900
A. E. HOUSMAN, M.A.†	1892
H. R. KENWOOD, M.B., D.P.H., F.C.S.	
W. P. KER, M.A., LL.D.†	1889
L. W. LYDE, M.A.	1903
Sir JOHN MACDONELL, M.A., LL.D., C.B.	1901
SIDNEY MARTIN, M.D., F.R.S.*	1896
E. A. MINCHIN, M.A.	1899
F. C. MONTAGUE, M.A.*	1893
A. F. MURISON, M.A., LL.D.†	1883

* Fellow of the College. † Life Governor of the College.

	Appointed.
J. W. Neill †	1896
F. W. Oliver, M.A., D.Sc.*	1890
Karl Pearson, M.A., LL.B., F.R.S.†	1884
W. M. Flinders Petrie, D.C.L., LL.D.†	1892
J. Arthur Platt, M.A.†	1894
A. F. Pollard, M.A.	1903
J. P. Postgate, M.A., Litt.D.†	1880
R. Priebsch, Ph.D.†	1898
Sir W. Ramsay, K.C.B., LL.D., Ph.D., F.R.S.†	1887
E. J. Rapson, M.A.	1903
Carveth Read, M.A.	1903
F. T. Roberts, M.D., B.Sc.*	1880
J. Risien Russell, M.D., F.R.C.P.	1900
F. M. Simpson, F.R.I.B.A.	1903
H. R. Spencer, M.D., F.R.C.P.†	1893
H. J. Spenser, M.A., LL.D.	1903
E. H. Starling, M.D., F.R.C.P., F.R.S.‡	1899
S. A. Strong, M.A.†	1895
G. D. Thane †	1877
F. T. Trouton, M.A., F.R.S.	1902
John Tweedy, P.R.C.S.†	1881
L. F. Vernon-Harcourt, M.A., M.Inst.C.E.†	1882
W. J. Whittaker, M.A., LL.B.	1901
C. E. Wilson, B.A.	1902

* Fellow of the College. † Life Governor of the College.
‡ Governor of the College.

DEPARTMENTS AND STAFF.

(Corrected to February 1904.)

[The Names of Members of the respective Faculties are printed in SMALL CAPITALS.]

Faculty of Arts and Laws.

Dean.—Professor J. W. NEILL.

Vice-Dean.—Professor E. A. GARDNER.

Subject.	*Name.*	*Status.*
Æsthetics	J. Sully, M.A., LL.D.†	Lecturer.
Arabic		
Archæology	E. A. GARDNER, M.A.†	Yates Professor.
		Yates Lecturer.
Architecture	F. M. SIMPSON, F.R.I.B.A.	Professor.
	Alan G. James	Assistant.
	E. J. Burr	Instructor in Measuring.
	A. Buchanan	Demonstrator.
Assyriology		
Bengali	J. F. BLUMHARDT, M.A.	Reader.
Burmese	J. E. Bridges	Reader.
Economic Geography	L. W. LYDE, M.A.	Professor.
Egyptology	W. M. FLINDERS PETRIE, D.C.L., LL.D.†	Edwards Professor.
English	W. P. KER, M.A., LL.D.†	Quain Professor.
	T. Gregory Foster, B.A., Ph.D.*	Assistant Professor.
	R. W. Chambers, M.A.*	Lecturer, Quain Student.
Fine Arts	FREDK. BROWN†	Slade Professor.
	H. Tonks	Assistant Professor.
	W. Russell	Assistant.
	P. W. Steer	Assistant Teacher.
French	LOUIS M. BRANDIN, M.A., Ph.D.	Fielden Professor.
	W. G. Hartog	Assistant.
German	R. PRIEBSCH, Ph.D.†	Professor.
	R. A. Williams, B.A., Ph.D.	Lecturer.
	J. Steppat, B.A., Ph.D.	Lecturer.
Greek	J. ARTHUR PLATT, M.A.†	Professor.
Gujárati	S. A. Kapadia, M.D.	Reader.
Hebrew	HERMANN GOLLANCZ, M.A., D.Litt.	Goldsmid Professor.
Hindi	J. F. BLUMHARDT, M.A.	Reader.
Hindustani		Professor.

* Fellow of the College. † Life Governor of the College.

Subject.	*Name.*	*Status.*
History	F. C. Montague, M.A.*	Astor Professor.
	Harold Whyte, B.A.	Assistant.
History; Ancient Indian.	Romesh C. Dutt, C.I.E.	Lecturer.
„ ; Constitutional	A. F. Pollard, M.A.	Professor.
History of India	J. W. Neill †	Lecturer.
Italian	A. J. Butler, M.A.	Professor.
„ (Dante)	Rev. E. Moore, D.D.	Barlow Lecturer.
Jurisprudence	A. F. Murison, M.A., LL.D.†	Professor.
Latin	A. E. Housman, M.A.†	Professor.
Law; Comparative	Sir John Macdonell, M.A., LL.D., C.B.	Quain Professor.
„ ; Constitutional	W. S. Holdsworth, M.A.	Professor.
„ ; English, including Industrial and Commercial.	W. J. Whittaker, M.A., LL.B.	Professor.
„ ; Indian	J. W. Neill †	Professor.
„ ; Roman	A.F.Murison, M.A.,LL.D.†	Professor.
Marathi	J. W. Neill †	Reader.
Mathematics and Mechanics; Applied.	Karl Pearson, M.A., LL.B., F.R.S.†	Professor.
	L. N. G. Filon, M.A., D.Sc.*	Assistant.
	E.Sprague,Assoc.M.Inst.C.E.	Assistant.
	M. T. Ormsby	Assistant.
	L. W. Atcherley	Demonstrator.
Mathematics (Pure)	M. J. M. Hill, M.A., D.Sc., F.R.S.*	Astor Professor.
	L. N. G. Filon, M.A., D.Sc.*	Lecturer.
	H. J. Harris, B.A.	Assistant.
Pali and Buddhist Literature.	T. W. Rhys Davids, LL.D., Ph.D.†	Professor.
Persian	C. E. Wilson, B.A.	Professor.
Philology; Comparative.	J. P. Postgate, M.A., Litt.D.†	Professor.
„ ; Germanic	R. Priebsch, Ph.D.	Professor.
„ ; Romance	Louis M. Brandin, M.A., Ph.D.	Professor.
Philosophy of Mind and Logic.	Carveth Read, M.A.	Grote Professor.
	C. A. Ginever, B.A.	Assistant.
	A. Wolf, M.A.*	Assistant.
Political Economy	H. S. Foxwell, M.A.†	Professor.
	C. P. Sanger, M.A.	Assistant.
	G. Udny Yule †	Newmarch Lecturer.
	A. Kahn, M.A.	Lecturer (Commercial Methods).
	A. C. Pigou, M.A.	Jevons Memorial Lecturer.
Psychology; Experimental	W. McDougall, M.A., M.B.	Reader.
Sanskrit	E. J. Rapson, M.A.	Professor.
Semitic (North) Epigraphy.	H. Hirschfeld, Ph.D.	Lecturer.
Tamil and Telugu	R. W. Frazer, B.A., LL.B.	Reader.

* Fellow of the College. † Life Governor of the College.

Faculty of Science.

Dean.—Professor J. D. Cormack.
Vice-Dean.—Professor E. H. Starling.

Subject.	*Name.*	*Status.*
Botany	F. W. Oliver, M.A., D.Sc.*	Quain Professor.
	A. G. Tansley, M.A.*	Assistant Professor.
	F. E. Fritsch, B.Sc., Ph.D.	Assistant.
	W. C. Worsdell, F.L.S.	Assistant.
	Agnes Robertson, B.Sc.	Quain Student.
Chemistry; Inorganic	Sir W. Ramsay, K.C.B., LL.D., Ph.D., F.R.S.†	Professor.
Chemistry; Organic	J. Norman Collie, Ph.D., F.R.S.	Professor.
	E. C. C. Baly, F.I.C.	Assistant Professor.
	J. K. H. Inglis	Assistant.
	Samuel Smiles, D.Sc.	Assistant.
	N. T. M. Wilsmore, M.Sc.	Assistant.
Engineering; Civil, and Surveying.	L. F. Vernon-Harcourt, M.A., M.Inst.C.E.†	Professor.
	M. T. Ormsby	Assistant.
Engineering; Electrical	J. A. Fleming, M.A., D.Sc., F.R.S.*	Pender Professor.
	W. C. Clinton, B.Sc., A.M.Inst.E.E.	Demonstrator.
Engineering; Mechanical.	J. D. Cormack, B.Sc., M.Inst.E.E.	Professor.
	E. M. Eden, Assoc.M.Inst. C.E.	Assistant.
	E. Sprague, Assoc.M.Inst. C.E.	Assistant.
	H. P. Philpot	Assistant.
	E. S. Andrews	Demonstrator.
Engineering; Municipal	Osbert Chadwick, M.Inst. C.E., M.Inst.M.E., C.M.G.	Edwin Chadwick Professor.
	R. Middleton, M.Inst.C.E.	Lecturer.
	M. T. Ormsby	Assistant.
Geology, Physical Geography, and Mineralogy.	E. J. Garwood, M.A.	Yates-Goldsmid Professor.
	Edith Goodyear, B.Sc.	Museum Assistant.
Hygiene and Public Health.	H. R. Kenwood, M.B., D.P.H., F.C.S.	Chadwick Professor.
	C. Childs, M.A., M.D., D.P.H.	Lecturer.
Pathological Chemistry	Vaughan Harley, M.D., M.R.C.P.†	Professor.
	F. W. Goodbody, M.D., M.R.C.P.	Assistant Professor.
Pathology and Morbid Anatomy.	Sidney Martin, M.D., F.R.S.*	Professor.
	D. N. Nabarro, M.D., B.Sc., D.P.H.*	Assistant Professor.

* Fellow of the College. † Life Governor of the College.

Subject.	*Name.*	*Status.*
Pathology and Morbid Anatomy (*cont.*).	H. Batty Shaw, M.D., B.Sc., F.R.C.S.	Assistant.
Physics	F. T. Trouton, M.A., F.R.S.	Quain Professor.
	A. W. Porter, B.Sc.*	Assistant Professor.
	N. Eumorfopoulos, B.Sc.*..	Demonstrator.
Physiology	E. H. Starling, M.D., B.S., F.R.C.P., F.R.S.‡	Jodrell Professor.
	W. M. Bayliss, M.A., D.Sc., F.R.S.*	Assistant Professor.
	J. H. Parsons, M.D., F.R.C.S.	Lecturer (Physiological Optics).
	W. Page May, M.D., D.Sc., F.R.C.P.*	Lecturer (Physiology of Nervous System).
Spectroscopy	E. C. C. Baly, F.I.C.	Lecturer.
Zoology and Comparative Anatomy.	E. A. Minchin, M.A.	Jodrell Professor.
	G. C. Chubb, B.Sc.	Assistant.
	H. M. Woodcock, B.Sc. ..	Derby Scholar.

[The Professors of Anatomy, Architecture, Economic Geography, Egyptology, Mathematics, Applied Mathematics and Mechanics, Philosophy of Mind and Logic, and Political Economy are also Members of this Faculty.]

Faculty of Medicine.

Dean.—Professor Sidney Martin.
Vice-Dean.—Professor J. Risien Russell.
Sub-Dean.—Professor G. D. Thane.

Subject.	*Name.*	*Status.*
Anæsthetics	D. W. Buxton, M.D., B.S., M.R.C.P.†	Anæsthetist.
Anatomy.....	G. D. Thane †	Professor.
	P. M. Heath, M.B.	Demonstrator.
	G. B. M. White, M.B., B.S., F.R.C.S.	Demonstrator.
	G. A. Herklots, M.R.C.S., L.R.C.P.	Assistant Demonstrator.
	G. M. W. Hodges	Assistant Demonstrator.
Clinical Dental Surgery..	Sidney Spokes, M.R.C.S...	Lecturer.
Clinical Dermatology ..	H. Radcliffe Crocker, M.D., F.R.C.P.	Physician.
Clinical Medicine	F. T. Roberts, M.D., F.R.C.P., B.Sc.*	Holme Professor.
	Sir Thomas Barlow, Bart., M.D., K.C.V.O.†	Professor.
	J. R. Bradford, M.D., D.Sc., F.R.C.P., F.R.S.*	Professor.
	Sidney Martin, M.D., F.R.C.P., F.R.S.*	Professor.

* Fellow of the College. † Life Governor of the College.
‡ Governor of the College.

Subject.	*Name.*	*Status.*
Clinical Medicine (*cont.*)	J. Risien Russell, M.D., F.R.C.P.	Assistant Physician.
	H. Batty Shaw, M.D., B.S., F.R.C.S.*	Assistant Physician.
	F. J. Poynton, M.D., F.R.C.P.	Assistant Physician.
Clinical Midwifery	H. R. Spencer, M.D., F.R.C.P.†	Professor.
	G. F. Blacker, M.D., B.S., F.R.C.P., F.R.C.S.*	Physician.
Clinical Ophthalmic Surgery.	John Tweedy, P.R.C.S.† .	Professor.
	Percy Flemming, M.D., B.S., F.R.C.S.*	Assistant Surgeon.
Clinical Surgery.....	R. J. Godlee, M.B., M.S., F.R.C.S.*	Holme Professor.
	A. E. Barker, F.R.C.S.†..	Professor.
	Sir Victor Horsley, M.B., B.S., F.R.C.S., F.R.S.*	Professor.
	Bilton Pollard, B.S., F.R.C.S.†	Assistant Professor.
	Raymond Johnson, M.B., B.S., F.R.C.S.*	Assistant Professor.
	T. R. H. Bucknall, M.D., M.S., F.R.C.S.*	Assistant Surgeon.
Medical Jurisprudence ..	J. Risien Russell, M.D., F.R.C.P.	Professor.
Medicine.....	J. R. Bradford, M.D., D.Sc., F.R.S.*	Professor.
Mental Physiology	W. J. Mickle, M.D., F.R.C.P.	Lecturer.
Midwifery	H. R. Spencer, M.D., F.R.C.P.†	Professor.
Operative Surgery.....	Bilton Pollard, B.S., F.R.C.S.†	Teacher.
Ophthalmic Medicine and Surgery.	John Tweedy, P.R.C.S.†..	Professor.
Pharmacology	(Vacant).....	Professor.
Practical Pharmacy	H. Wilson, B.Sc.	Teacher.
Practical Surgery	T. R. H. Bucknall, M.D., M.S., F.R.C.S.*	Teacher.
	Bilton Pollard, B.S., F.R.C.S.†	Teacher.
	Raymond Johnson, M.B., B.S., F.R.C.S.*	Teacher. Teacher.
Surgery	A. E. Barker, F.R.C.S.†..	Professor.
Therapeutics	(Vacant).....	Lecturer.

[The Professors of Botany, Chemistry, Hygiene & Public Health, Pathology & Morbid Anatomy, Physics, Physiology, and Zoology & Comparative Anatomy are also Members of this Faculty.]

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* Fellow of the College. † Life Governor of the College.

REPORT OF COUNCIL

To the Members, at the Annual General Meeting, Wednesday, February 24th, 1904.

I. PUPILS AND FEES.

SESSION 1902–1903.

The entire number of Pupils during this Session was 1701, being an increase of 206 on that of the preceding Session. Of these 1208 were Students in the College, and 493 Pupils in the School. Of the Students, 287 belonged to the Faculty of Medicine, 91 being new Students: in the Faculties of Arts and Laws and of Science there were 921 Students, 517 being new Students: 345 Students were registered as "Internal" Students of the University of London. The largest number of Boys in the School in any one Term was 415.

In the Faculties of Arts and Laws and of Science these figures show, as compared with the preceding Session, an increase of 163 in the new Students and a total increase of 146: and in the Faculty of Medicine a decrease of 7 in the new Students, and a total increase of 3.

The Fees received (exclusive of those for Clinical Instruction) amounted to £25,518 4*s.* 6*d.*, being £1431 9*s.* 0*d.* more than in the Session 1901–1902.

The total fees for the two Sessions compared were as follows:—

	1902–1903.			1901–1902.		
	£	*s.*	*d.*	£	*s.*	*d.*
Faculty of Medicine	3,383	12	6	3,837	15	0
Faculties of Arts and Laws and of Science	13,372	7	0	12,092	12	6
School	8,762	5	0	8,158	8	0
	£25,518	4	6	£24,086	15	6

In addition to the above-stated amounts, the sum of £1,435 7*s.* 0*d.* was received for Clinical Instruction in the Hospital, making a total of £4,818 19*s.* 6*d.* paid by Students of the Faculty of Medicine, being £828 19*s.* 6*d.* less than the Session 1901–1902.

The total payments to Professors and Teachers in the College were £9821 4*s.*, and to Masters in the School £6805 3*s.*; total £16,626 7*s.*

THE CURRENT SESSION.

The entries of Students to February 1st, 1904, have been as follows:—in the Faculty of Medicine, 199, of whom 62 are new Students; in the Faculties of Arts and Laws and of Science, 764, of whom 358 are new Students.

The entries in the School, in Michaelmas Term, were 383, of whom 68 were new pupils; in the present Term, 377, of whom 35 were new pupils; adding the 89 Boys in the Branch School at Hampstead, this makes 466 in all.

The College Fees received to February 1st are £1828 11*s.* 6*d.* in the Faculty of Medicine, and £10,700 0*s.* 6*d.* in the Faculties of Arts and Laws and of Science. This shows a decrease of £33 1*s.* 6*d.* as compared with the same date of last Session.

II. GENERAL FINANCES.

Financial Year 1902–1903.

The excess of expenditure over receipts for the financial year ending August 31st, 1903, was £774 0*s.* 1*d.* The expenditure included a sum of £817 for new drainage works, while the Interest on the Loan amounted to £924 5*s.* 11*d.*

The loan from the Bankers amounted on August 31st to £30,000, the same amount as at the corresponding date 1902, and there was a further loan of £4200 from the College Equipment and Endowment Fund Committee, as compared with £1000 at the corresponding date 1902. Of these loans £21,291 14*s.* 8*d.* was borrowed to pay for extensions of the permanent buildings of the College, and the remainder is due in part to permanent improvements such as the installation of electric light and in part to the excess of ordinary expenditure over income, and includes £8074 2*s.* 9*d.* paid to the Bankers for interest from August 1891. The amount borrowed from the Equipment and Endowment Fund Committee during the year, namely £3200, is accounted for as follows:—Deficit (as above) on the working of the College for the year, £774 0*s.* 1*d.*; Balance owing by College General Account to Trust Funds Account has been decreased during the year by the amount of £1037 8*s.* 5*d.*; Sundry outstanding Accounts (Balance) £121 5*s.* 4*d.*; Balance in hand, sundry outstanding Accounts at 31st August 1902, since paid, £817 1*s.* 6*d.*; Annual Subscriptions Suspense Account £50; Hospital Fees and Dividends Account £222 13*s.* 3*d.*; Balance in hand and at Bankers increased by £177 11*s.* 5*d.*

Annual Subscriptions.

In response to the Appeal for Annual Subscriptions issued February 1901, the Council received during the year Subscriptions (for list see pp. 50 & 51) amounting to £702 6*s.* 0*d.*, of which £245 8*s.* 6*d.* was for special departments and £456 17*s.* 6*d.* was for general purposes.

Donations and Grants.

Donations amounting to £15 were received.

The Crabb Robinson Trustees renewed their grant of £50 for the rent of the Athletic Ground, and made other grants towards the furniture of the South Library and in aid of Students' Societies amounting to £61.

The College has again shared, to the extent of £3000, in the annual grant made by Parliament to University Colleges.

The Technical Education Board of the London County Council made payments amounting to £1673 12*s.* 0*d.* on account of Fees for Students.

Income and Expenditure.

The income as compared with the previous year, including subscriptions and donations, has increased under certain heads to the amount of £2043 9*s.* 7*d.*, and decreased under others to the amount of £827 7*s.* 10*d.*, making a net increase of £1216 1*s.* 9*d.*

Expenditure has increased under certain heads to the amount of £1577 19*s.* 11*d.*, and decreased under others to the amount of £576 1*s.* 6*d.*, making a net increase of £1001 18*s.* 5*d.*

The new arrangements for the Chemistry departments complicate a financial comparison between last Session and the previous one: the brackets on the expenditure side of the statement of Income and Expenditure (page 55) are intended to facilitate the comparison.

The Current Financial Year.

The budget for the year has been framed with every economy consistent with efficiency.

The arrangement with the Technical Education Board of the London County Council with regard to the granting of free places has been continued and the number granted has been increased. The Board has made a grant of £500 for equipment and to aid in carrying on and developing the Evening Classes (see p. 47).

Sanitary Reconstruction.

During the last long vacation the second part of the reconstruction of the sanitary arrangements has been carried out at a cost of about £900, and this will be a charge on the ordinary expenditure of the year.

The institution of the new studios for the Architectural department will involve a considerable expenditure.

In view of these heavy demands the importance of maintaining and increasing the list of annual subscriptions must again be emphasised.

III. SCHOLARSHIPS AND OTHER DISTINCTIONS AWARDED IN THE COLLEGE *.

A. *FACULTIES OF ARTS AND LAWS AND OF SCIENCE.*

Slade Fine Art Scholarships (£35 per annum for two years):—
J. R. Pinches, G. R. Wolseley.

Melvill Nettleship Prize for Figure Composition:—Violet M. Anderson.

Slade Fine Art Prize for Composition (£25):—Ada M. L. Wilson.

Andrews Entrance Scholarships (£30):—

English History and Languages. } *A. H. Richards.*

Science. { Frank Baker. C. W. R. Hooker.

Andrews Scholarships for Students of one year's standing (£30):—
Classics, *David Pool.*
Modern Languages, £15, H. G. Tunnicliffe.
Science, E. K. Martin.

Andrews Scholarships for Students of two years' standing (£15 each):—
Classics, Frances M. Brough.
Science, J. C. Sharp.

Jews' Commemoration Scholarship (£15 per annum for two years):—Winifred E. Brenchley.

Ricardo Scholarship in Political Economy (£20):—W. T. Layton, proxime accessit Mabel Hewart.

Quain Law.—Professor's Prize of £15 for an Essay on "The Differences in the Law and Practices of Nations in Recent Times as to Blockade and Contraband":—C. L. Nordon of London; and the Prize of £5, G. H. Drury of London.

* Names printed in *italics* are those of former pupils of University College School.

Campbell Clarke Scholarship, about £40 a year, tenable for two years :—G. Gould.

Clothworkers' Exhibitions (£30 each) :—
Chemistry, R. le Rossignol.
Physics, E. P. Metcalfe.

Mayer de Rothschild Research Scholarship in Mathematics (£50) :—H. W. Chapman.

Ellen Watson Memorial Scholarship (£15) :—E. S. Andrews.

Tuffnell Scholarship, Chemistry (£80 per annum for two years) :—A. F. Girvan. (£80 for one year) :—D. B. Byles.

Hollier Scholarship (£60) :—
Hebrew, H. J. Sandheim.

West Scholarship, English (£30) :—A. W. H. G. Taylor.

Case Exhibition (£20) :—W. H. Gibson.

Heimann Medal, German :—Mabel Warton Fitt.

Morley Medal, English :—Eleanor E. Willis.

Gladstone Memorial Prize :—W. T. Layton.

Malden Medal and Scholarship of £20 :—Beatrice L. Hopkins.

Donaldson Medal, Architecture :—F. H. Hodson.

Quain Studentships :—English (£150 per annum), R. W. Chambers, M.A. ; Biology (£100 per annum), Agnes Robertson, B.Sc.

1851 Exhibition Science Scholarship (£150) :—*Henry Bassett*, B.Sc.

Derby Zoological Scholarship (£120) :—W. N. F. Woodland.

Chadwick Scholarship in Municipal Engineering (£100) :—L. W. Atcherley.

U. C. School Research Medal :—*W. Makower*, B.Sc.

Trevelyan Goodall Art Scholarship (£20 per annum for 3 years) :—*Stuart Boyd.*

B. *FACULTY OF MEDICINE.*

Atchison Scholarship (£55 per annum for two years) :—W. F. Annand.

Bruce Medal :—W. F. Annand.

Cluff Prize, £15 :—L. F. Hirst.

Fellowes Gold Medals :—H. M. Davies, N. C. Fletcher.

Erichsen Prize :—H. M. Davies.

Filliter Exhibition (£30) :—E. G. Perodeau.

Tuke Silver Medal :—Thomas Lewis.

SHARPEY PHYSIOLOGICAL SCHOLARSHIP :—

MEDICAL ENTRANCE EXHIBITIONS AND SCHOLARSHIPS :—

BUCKNILL SCHOLARSHIP £30 a year for 4 years ..... W. E. Haigh.

£63 each .... D. W. Daniels. A. Davies.

£84 each .... L. F. Hirst. H. C. G. Semon.

IV. DEGREES AND EXAMINATIONS FOR DEGREES. UNIVERSITY OF LONDON.

January 1*st to December* 31*st*, 1903.

Examination.	No. passed from University College.	No. from Univ. Coll. in Honours or First Division.
Matriculation	35*	7
Inter. Arts (*Pass & Hon.*)	14	3‡
Inter. Sci. (*Pass & Hon.*)	35	5‡
Inter. Sci. (*Pass & Hon.*), Engineering	10	1‡
Inter. Sci. (*Pass & Hon.*), Economics	6†	3‡
Prelim. Sci. (M.B.) (*Entire*) (*Pass & Hon.*)	16	3
Inter. Law.....	2	1
Inter. Med.	15	3
LL.B.....	1	1
B.A.	14	10
B.Sc.	18	10
M.B.	16	6
B.S.	5	2
M.A.	2	
M.D.	10	
D.Lit.....	1	

* 23 of these were from the School.

† All were from the School.

‡ These students presented themselves under the regulations for External students; under the new Internal regulations there is no classification at the Intermediate stage.

V. HONOURS.

UNIVERSITY OF LONDON.

January 1st to December 31st, 1903.

Examination.	Subject.	Name of successful Candidate from University College.	Class.
Int. Arts & Int. Sci. conjointly.	Chemistry.....	*Stanbridge, Fredk.*	III
	Exper. Physics.	*Gibson, W. H.*	III
Int. Sci. & Prel. Sci. conjointly.	Zoology.....	Woodland, W. N. F. ...	II
Int. Laws ...	Jurisprudence & Roman Law.	Ball, A. L.	II
Int. Med. ...	Anatomy	Watt, John A.	II
	Physiology & Histology.	Hirst, L. F.	III
B.A.	Classics	Lilley, Mary S.	I
		Harrison, Sarah E. S....	II
		Jones, S. K.	III
	English	Ward, Hy. Gordon	II
	French	Boyd, Mary Rosalie ...	II
		Coulton, D. P.	III
		Farrer, Lucy E.	I
		Pope, Delia Maud	II
		Smyth, Letitia M.	III
	German.....	Farrer, Lucy E.	II
	History.....	Layton, W. T.	III
B.A. & B.Sc. conjointly.	Mathematics...	Heywood, H. B.	I
B.Sc.	Exper. Physics.	Heywood, H. B.	I
	Chemistry.....	Elsden, A. V.	I
		Bain, A. W.	III
	Geology & Physical Geography.	Goodyear, Edith	II

HONOURS (*continued*).

Examination.	Subject.	Name of successful Candidate from University College.	Class.
B.Sc. (*cont.*)	Physiology ...	Lane-Claypon, Janet E.	I
	Engineering ...	Andrews, E. S.	I
LL.B.	Common Law & Equity.	Nordon, C. L.	II
M.B.	Medicine	Short, Arthur R.	(I *Scholarship & Gold Medal*).
		Annand, Wm. F.	II
		Appleyard, Wm.	III
		Gray, A. M. H.	III
	Obstetric Medicine.	Appleyard, Wm.	I (*Scholarship & Gold Medal*).
		Short, Arthur R.	I
		Annand, Wm. F.	II
		Gray, A. M. H.	II
		Hall, George	II
	Forensic Medicine.	*Finzi, N. S.*	II
B.S.	.....	Annand, Wm. F.	I
		Heath, P. M.	I
D.Lit.	Classical Archæology.	Ely, Talfourd	
M.A.	Branch III. ... (English.)	Seton, Walter W.	
		Willis, Eleanor E.	
M.D.	.....	Bown, S. H., B.S.	
		Crosby, T. V.	
		Goring, C. B., B.Sc. ...	
		Hatrick, C. B.	
		Jones, Alfred E.	(*Gold Medal*).
		Llewellyn, T. L., B.S. ...	
		Sunder, C. E., B.S.	
		Thackray, C., B.S.	
		Waugh, G. E.	
		Williams, J. T.	
	Gilchrist Studentship.	Marie C. Stopes	

VI. DEATHS OF MEMBERS OF THE COLLEGE.

Prof. Alexander Bain.
Prof. W. H. Corfield.
Mr. Leonard Field.
Sir Joshua Fitch.
Mr. R. B. Hayward.
Sir John Hutton.
Sir J. Blundell Maple.
Rt. Hon. Lord Rowton.
Mr. John James Smith.
Prof. T. Roger Smith.
Rev. Henry Solly.
Prof. S. A. Strong.
Rev. Thompson Yates.

The following Resolutions were passed at the meeting of Council held on December 7th, 1903, and forwarded to Lady Maple and the family of the Rev. S. A. Thompson Yates respectively:—

(1) "That the Council have received with great regret information of the death of their late colleague Sir John Blundell Maple, Baronet. They desire to put on record the deep gratitude, which they can no longer express to him personally, for his munificent gift to them and the people of London of the new building for University College Hospital; and they beg leave to offer to Lady Maple and family the expression of their respectful sympathy."

(2) That the following resolution be communicated to the family of the late Rev. S. A. Thompson Yates:—"That the Council have received with great regret information of the death of their late colleague Mr. S. A. Thompson Yates and desire to offer the expression of their respectful sympathy to his surviving relatives."

The Council deeply regret to have to record the deaths of Mr. T. Roger Smith, Professor of Architecture, of Dr. W. H. Corfield, Professor of Hygiene, and of Mr. S. Arthur Strong, Professor of Arabic and Lecturer in Assyriology.

VII. NEW GOVERNOR.

Mr. James Panton Ham has been admitted a Governor of the College to succeed his father, the late Rev. J. Panton Ham.

VIII. RECORD OF THE YEAR, FEBRUARY 1903—FEBRUARY 1904.

HONOURS AND APPOINTMENTS.

The Council have great satisfaction in recording the following Honours conferred upon Professors and former Students of the College:—

Professor John Macdonell to be a Knight; Professor John Tweedy to be President of the Royal College of Surgeons; Dr. H. Frank Heath, formerly Academic Registrar of the University of London, to be Director of Special Enquiries and Reports (Board of Education) in succession to Mr. Michael Sadler.

Professor Sir William Ramsay, Professors Foxwell and Bradford, and Dr. Gregory Foster were appointed members of the Commission organized by Mr. Mosely in the autumn of 1903 to report on Education in the United States: the first two found themselves ultimately unable to act, but the last two made tours of inspection in the United States, and will join in the report that will shortly be issued.

CHANGES IN COUNCIL.

The Council much regret the resignation of Mr. Worsley from the Council, and the loss by death, as already recorded, of Sir J. Blundell Maple and Mr. Thompson Yates.

PROFESSORIAL AND OTHER APPOINTMENTS.

Faculty of Arts and Laws.

Prof. W. P. Ker has been re-appointed to the Quain Chair of English Language and Literature for a further period of seven years.

In place of the single Chair of Constitutional Law and History, two Chairs, one of Constitutional Law and one of Constitutional History, have been instituted. Mr. W. S. Holdsworth, M.A., and Mr. A. F. Pollard, M.A., have been respectively appointed thereto.

Prof. Bendall resigned his Chair on his appointment to the Chair of Sanskrit in the University of Cambridge. Mr. E. J. Rapson has been appointed to succeed him.

Prof. F. M. Simpson has been appointed to the Chair of Architecture.

Prof. Sir John Macdonell has been re-appointed to the Quain Chair of Comparative Law for a further period of one year.

Mr. Carveth Read has been appointed to the Grote Chair of Philosophy of Mind and Logic in succession to Prof. Sully resigned.

For some years it has been felt that the Grote Professorship of Philosophy of Mind and Logic was inadequate to cover the whole field of Philosophy. The Council have therefore resolved to carry out the intention of the Founders of the College and to institute a Chair of Moral Philosophy to which they will shortly proceed to make an appointment.

Mr. W. McDougall, M.A., M.B., has been appointed Reader in Experimental Psychology for the current Session.

Mr. J. Steppat and Dr. R. A. Williams, University Readers in German, have been appointed Assistants to the Professor of German.

Mr. H. Whyte has been re-appointed Assistant in Ancient History to Prof. Montague.

Mr. W. G. Hartog has been re-appointed Assistant to the Professor of French.

Mr. A. Wolf and Mr. C. A. Ginever have been appointed Assistants to the Professor of Philosophy of Mind and Logic.

Under the new scheme for the appointment of Lecturers referred to below, the following appointments were made :—

Prof. Strong to be Lecturer in Assyriology.

Prof. Sully to be Lecturer in Æsthetics.

Dr. Hirschfeld to be Lecturer in North Semitic Epigraphy.

Mr. A. Kahn to be Lecturer in Commercial Methods.

Faculty of Science.

Dr. Donnan, University Teacher of Chemistry, has resigned his office as Assistant to Prof. Ramsay on being appointed to a Lectureship in Organic Chemistry in the Royal College of Science in Ireland. Mr. N. M. T. Wilsmore has been appointed to succeed him.

Mr. Gilbert C. Chubb has been appointed Assistant to the Professor of Zoology, and Assistant Curator in the Zootomical Museum,

in succession to Dr. Warren appointed Director of the Natural History Museum in Natal.

Dr. Fritsch has been appointed Assistant in the Department of Botany for the current Session.

Miss Agnes Robertson has been appointed Quain Student in Botany for a term of three years.

Dr. Travers has resigned his position of Assistant Professor of Chemistry on his appointment to the Chair of Chemistry at University College, Bristol. Mr. J. K. H. Inglis has been appointed to succeed him.

Mr. W. A. Osborne has resigned the Sharpey Scholarship on being appointed Professor of Physiology at Melbourne.

Mr. H. Payne, Assistant in the Departments of Engineering and Applied Mathematics, resigned his position in view of his appointment to the Chair of Engineering at the South African College, Cape Town. Mr. H. P. Philpot has in consequence been appointed an Assistant in the Engineering Department.

Mr. L. N. G. Filon and Mr. J. Clerk Maxwell Garnett (since resigned) have been appointed Assistants to Prof. Karl Pearson in the Statistical and Biometric Laboratory; Miss Alice Lee, Computator and Statistical Demonstrator; and Miss Marion Radford, Microscopist.

Miss Edith Goodyear has been appointed Museum Assistant to Prof. Garwood.

Under the new scheme for the appointment of Lecturers referred to below, the following appointments were made:—

Mr. E. C. C. Baly to be Lecturer on Spectroscopy.

Dr. W. Page May to be Lecturer on the Physiology of the Nervous System.

Mr. J. H. Parsons to be Lecturer on Physiological Optics.

Faculty of Medicine:

Prof. G. V. Poore has resigned the Professorships of Medicine and Clinical Medicine in University College and the Physicianship to University College Hospital. On receiving his resignation the Council passed the following resolution:—

> "That the Council, in accepting with much regret the resignation by Prof. Poore of his offices as Professor of Medicine and Clinical Medicine and Physician to the Hospital, desire to place on record their high appreciation of the services he has rendered to the College and Hospital during the past thirty-five years, and especially to express their great obligation to him for the active part which he took in bringing about the rebuilding of the Hospital and in preparing the design of the new building."

Prof. Poore has since been appointed Emeritus Professor of Medicine and Clinical Medicine.

Prof. J. R. Bradford has been appointed to the Chair of Medicine.

Prof. Sydney Martin has been appointed to the Chair of Clinical Medicine.

The Council hope shortly to appoint a Professor of Pharmacology and Materia Medica.

By the death of Prof. W. H. Corfield, the Chair of Hygiene became vacant. The Council have appointed Mr. H. R. Kenwood, M.B., for several years Assistant Professor of Hygiene in the College, to succeed him.

Prof. J. Tweedy has announced his intention to resign the Chair of Ophthalmic Medicine and Surgery and his position as Ophthalmic Surgeon of the Hospital at the end of the current Session.

On receiving this announcement the Council passed the following resolution :—

> "That the Council have received with much regret from Professor John Tweedy the announcement of his wish to resign his office as Professor of Ophthalmic Medicine and Surgery in the College and Ophthalmic Surgeon to the Hospital which he has held since 1881.
>
> In accepting Professor Tweedy's resignation, they desire to put on record their high appreciation of the services he has rendered to the College and Hospital and the distinction he has conferred upon the Chair he has held."

Mr. P. M. Heath has been appointed Demonstrator in Anatomy.

School :

Mr. J. Lewis Paton, on being elected to the High Mastership of Manchester Grammar School, resigned the Head Mastership of the School. On receiving his resignation the Council passed the following resolution :—

> "That the Council accept with sincere regret Mr. Paton's resignation of the Headmastership of University College School, which he accepted in 1898 at a time of some difficulty. By his energy and tact, and especially by the confidence which his personal character has inspired in the parents of the boys, he has greatly increased the prosperity of the School and advanced its previous high reputation."

Dr. H. G. Spenser, formerly Head Master of Glasgow High School, has been appointed to succeed him.

Two of the Senior Masters of the School, Mr. W. W. Magee and Mr. C. R. Potter, have resigned. On receiving the intimation of the intention to resign, the Council adopted the following resolutions :—

> (1) "That the Council, having been informed by the Head Master that Mr. C. R. Potter has expressed the intention to resign his appointment as a Master in University College School at the end of the present School Term, desire to thank Mr. Potter for his faithful service to the School during the many years that he has been connected with it."
>
> (2) "The Council, having been informed by the Head Master that Mr. W. W. Magee has expressed the intention to resign his appointment as a Master in University College School at the end of the present School Term, desire to thank Mr. Magee for his faithful service to the School during the many years that he has been connected with it."

NEW GRADE OF TEACHERS.

The Council have instituted a new grade of Teachers in consequence of a Report received from the Senate to the effect 'that it would be

advantageous to the College to attach to itself men of eminence in special departments of the subjects taught in the College, or specially skilled in subjects of academic importance which do not yet form part of the College curriculum, and thus add to its strength as a corporation for the promotion of higher education and as a centre for research.'

The Council accordingly resolved:

1. That a grade of teachers be created in the College in the Faculties of Arts and Science who shall in some respects correspond to the Privat-docenten of German Universities.

Title:

2. That these teachers shall be styled *Lecturers* (in such or such a branch of knowledge).

[Independent lecturers who are on the Faculties will hereafter be called *Readers*—a title which in the older Universities has a status above that of Lecturer.]

Duties and Remuneration:

3. The lecturers shall each year deliver at the College lectures in their special subject, and as far as possible carry out their researches in the College. The date and subject of these lectures shall be agreed upon with the Professor in whose department the work of the lecturer lies, and approved by the Faculty.

They shall have the privilege of working without fee in their department, and generally similar privileges to those of assistant professors. They shall not, as such, take part in the work of the ordinary curriculum, nor be entitled to any remuneration from the College. (This regulation is not intended to exclude the possibility of a College lecturer being also appointed to an assistantship or receiving the proceeds of any special endowment which may be allotted to him by the Council.)

They would be entitled to receive two-thirds of the fees paid by students attending their special courses of lectures.

Method of Appointment:

4. The Appointment to the office of Lecturer shall be made by the Council after receiving a report from the Senate on the merits of the candidate. Candidates must submit their original work in making their application. In making their recommendation the Senate shall have special regard to the value of the original work submitted and shall specially report on this to the Council. Length of service as a teacher or assistant, or power in elementary teaching, shall not be considered as qualifying for the post of Lecturer.

Term of Appointment:

5. Every Lecturer shall be appointed for a period of three years or for some shorter time (subject in all cases to any regulations that the University of London may make after the Incorporation of the College in the University) but the appointment

shall be renewable by the Council for further similar terms on the recommendation by the Senate.

The Council feel that this is an important departure as it enables them from time to time to attach to the College men of distinction who have worked at special subjects or branches of knowledge. It is to be understood that the lectureships are not permanent offices, but rather created because the right men to fill them are at the time forthcoming.

REPRESENTATIVES.

Principal Carey Foster has been re-appointed to be one of the representatives of the Council on the Senate of the University of London.

Prof. W. H. Corfield was appointed to represent the College at the Brussels Congress of Hygiene.

Dr. H. R. Kenwood has been appointed to represent the College at the Liverpool Congress of the Royal Institute of Public Health.

Prof. Frederick Brown has been re-appointed representative Trustee of the British Institution Scholarship Fund for a further period of five years.

Prof. J. D. Cormack has been re-appointed to represent the Council on the Joint Scholarships Board for the year beginning March 1st, 1904.

The Rev. Alfred Church has been appointed to represent the College on the Governing body of Queen Elizabeth's School, Barnet, and Mr. Gray has been appointed to a similar office at the West Ham High School for girls.

THE COLLEGE AND THE UNIVERSITY OF LONDON.

The Session 1902-03 was the first in which the new arrangements and regulations on the Internal side of the University of London in the Faculties of Arts, Science, Engineering, and Economics were in full working order. The favourable anticipations of the good effects of the new organisation have been fully realised. The Dean of the Faculty of Science, in referring to the changes, said:—"The result has been to free the teaching from the necessity of conforming to the requirements of examiners who have not been in touch with it. The teaching has improved; the student has been able to study his subject instead of studying his Examiner, in the knowledge that no time so spent will be wasted so far as his Examination is concerned. Thus the students are more diligent, are more interested in their work, and generally learning has been benefited and its progress made easier." The truth of the contention that the College has always made, that examining should be incidental to teaching instead of teaching being controlled by examining, has been fully demonstated. The first degrees on the Internal side have been awarded; although the machinery of the Boards of Examiners is somewhat complicated, the Teachers have been enabled to make their influence felt with most satisfactory results.

Post-Gradua and Researc Students.

The provision in the University regulations whereby Graduates of other Universities can be admitted as Internal Students to work for the higher degrees of the University of London is likely to increase the large amount of advanced and original work that has always

been done in this College. There were 24 students registered under this regulation last session—10 in the Faculty of Arts, 14 in the Faculty of Science.

Inter-Collegiate Lectures.

The system of Inter-Collegiate Lectures instituted four years ago by University and Bedford Colleges has, during the past year, been considerably extended, both in the Faculty of Arts and in the Faculty of Science. The principal Teachers in most of the Departments in both these Faculties, acting in co-operation, have issued, with the approval of the University, a series of syllabuses of Inter-Collegiate Lectures for Honours and Graduate Students in all the chief branches of learning.

The form of the co-operation in the Faculty of Arts is rather different from that in the Faculty of Science; but in each case a distinct and most important step has been made towards the unification of University teaching for which this College has striven.

The Incorporation of the College in the University.

It is very desirable that the money necessary to complete the Incorporation of the College in the University (the most important step towards unification that can be taken) should be soon forthcoming, in order that the Bill that it is necessary to present may be introduced into Parliament at an early date. A joint Committee of the Council and of the Senate of the University is carefully considering the terms of this Bill. The Council have acquired sites for the Medical School and Boys' School; that for the Medical School is immediately south of the Hospital, and that for the Boys' School is at Hampstead.

Proposed Institute of Technology.

The Council received with satisfaction the announcement made by Lord Rosebery of the intention of Messrs. Wernher, Beit & Co. and others to found and endow an Institute of Technology. The Council are, however, anxious that nothing should be done to make the process of unifying University work in London more difficult, and for that reason hope that the new Institution will be directly under the control of the University Senate. This view was embodied in the following resolution which was adopted by the Council on July 6th, 1903, and ordered to be communicated to the Senate of the University:—

> "That the Council are of opinion that an Institution such as that now proposed by Lord Rosebery should be incorporated with the University, and should not be a separate Institution with a separate Governing Body on which the University has but a small representation."

Entrance Scholarships.

As a further step in the unification of University organisation in London, the Council have invited representatives of the leading Schools of the University to a conference to consider the possibility of arranging for the holding of a joint Examination for Entrance Scholarships in the Faculties of Arts and Laws and of Science.

Use of Libraries.

For the promotion of closer relations between the College, the University, and other Colleges, two new regulations have been adopted in regard to the Libraries, viz.:—

> (1) "That the Members of the Senate of the University of London, the Members of Convocation, Examiners for the time being, the Principal, and the three Registrars shall have the privilege of using the College Libraries and of borrowing books therefrom, subject in other respects to the rules for the College Libraries in force for the time being."

(2) "That the Library Committee be empowered to lend to other Schools of the University such duplicates in the Library as cannot be sold or exchanged on satisfactory terms on the understanding that a letter of acknowledgment shall be obtained from the School of the University to which books are lent at the time of the Annual Library Inspection, stating that the books lent are still in the possession of such School and are held at the disposition of the College, to be returned at such time as the College may arrange with the said School of the University."

APPEAL FOR FUNDS.

The Appeal Committee have been steadily proceeding with their work since the issue of the last Report. They have succeeded in adding to the Funds available for Incorporation, and out of a total of £200,000 necessary to bring that about, have succeeded in raising £141,000. They have issued a Report on the work of the past year, which is sent with this Report for the information of Members. One of the most important results of their work has been a donation of £50,000 by an anonymous donor, through Prof. E. H. Starling and Dr. W. Page May.

The Minute of the Council, on receiving the intimation of this donation, which it is understood is available for the purposes of Incorporation, is as follows :—

"*Gift of* £50,000.

"The President read the following letter:

'Dear Professor Starling,

'Your efforts to increase the active interest taken in the University College and University work having been brought to my notice by Dr. Page May, who also conducted me over the College and further explained to me how the excellent results at the College are limited by want of funds, and as I am anxious to do something for the furtherance of higher scientific education and research at University College, London, I am prepared to give £50,000 (Fifty Thousand Pounds) to the College to be used by its Council in the way it considers best for the promotion of the objects named above.

'As I gather that the money could only be gradually expended, I propose handing you a cheque for £10,000 on the 10th of each January and July until the total amount be reached.

'It is my express wish that this gift should be strictly anonymous, and I should be obliged if you would kindly make the necessary communication to the Council of the University College, London, in accordance with my wish.'

"The President, having congratulated and thanked Prof. Starling for being the medium of this important communication to the Council, moved:

'That Prof. Starling be requested to convey to the anonymous donor the best thanks of the Council for his generous

donation to the Funds of the College, a donation of special value at the present stage in the development of University education in London.'

"The motion was unanimously adopted.

"It was also resolved unanimously:

'That the best thanks of the Council be given to Dr. Page May, Fellow of the College, for having so successfully interested the anonymous donor in the work of the College.'"

BENEFACTIONS.

Donation by the Drapers' Company.

The Drapers' Company have granted, through the University Senate, the sum of £1,000 for the purpose of "assisting Professor Karl Pearson in his statistical researches at University College and the higher work of his Department." (See p. 26.)

Carpenters' Company.

The Carpenters' Company have continued their grant of £200 to the Department of Architecture. (See p. 27.)

The Jessel Scholarship.

The Council were much gratified at receiving, through the Senate of the University of London, from Mrs. Stern and Mrs. Hardy, daughters of the late Sir George Jessel, Master of the Rolls, and Vice-Chancellor of the University, an offer to establish a Scholarship in memory of their father who was a distinguished student of the College. The offer was gladly accepted and a scheme has been drawn up and approved, under which the Scholarship for the next three years will be given "to enable a student, who has already completed his ordinary College course, to prosecute his mathematical studies further by training and research of a post-graduate character."

Women's History Endowment Fund.

The sum of £225 7*s.* 7*d.*, raised by women students of the College for the better endowment of History, has been transferred to the Council by the Appeal Committee. The interest will be used for the purchase of historical books for the Library.

Observatory.

The Council are indebted to Prof. Osbert Chadwick and the Chadwick Trustees for a generous offer to build and equip an Observatory on the North Lawn in front of the College. The Council have recently approved the plans that have been submitted by Prof. Karl Pearson.

Chadwick Trustees.

The Chadwick Trustees have continued their valuable assistance to the Department of Hygiene.

Crabb Robinson Trustees.

The Crabb Robinson Trustees have continued their grant for the rent of the Athletic Ground and, by gifts during the year amounting in all to £111, have contributed to the comfort and well-being of the students.

The Council have received for the Engineering Department valuable gifts of machinery and instruments:—

A complete set of Potentiometer Apparatus by Messrs. Crompton & Co., through Lt.-Col. Crompton, as an addition to the Pender Electrical Laboratory (through Prof. Fleming).

Fifty-two specimens of Mercurials, Bismuths, etc., from Messrs. Tyrer & Co.

Specimens of timber (through Sir Richard Farrant).

A Water-Softening Plant from Messrs. Lassen & Hjort (through Professor Cormack).

One $2\frac{1}{2}$ H.P. Two-Phase Induction Motor, from the Electrical Construction Co., and one 10 H.P. Motor from Messrs. Dick, Kerr & Co. (through Mr. Beeton).

A $12\frac{1}{2}$ H.P. Four-Pole direct-current Motor from Messrs. Dick,

Kerr & Co. (through Sir Richard Farrant) for the Chemical Department.

Milling Machine and Accessories from Messrs. Sharp, Stewart & Co. (through Professor Cormack).

Starting Switch and Fittings from the Electric Construction Co., Wolverhampton (through Professor Fleming).

Specimens and test-pieces of mild steel and samples of ores and materials from the Steel Company of Scotland.

Prof. Ker.

Organic Chemistry Department.

The Council also desire to express their thanks to Professor Ker for his generous donation of £50 towards the Modern Language Library; and to the late Mr. Thompson Yates, Professor Norman Collie, Mr. Montefiore and Mr. Harben, for their donations to the fund for the institution of the Organic Chemistry Department. There is still a debt of £983 15*s.* 8*d.* on this account which the Council would be glad to clear off during the current year.

Annual Subscriptions.

Lists of Annual Subscribers and Donors are given on p. 50. The Council desire to call attention to the importance of maintaining and extending the list of annual subscriptions. Not only are such subscriptions a means of increasing the amount of the revenue of the College, but they serve a most important purpose in all applications to public bodies. The Treasury more especially attaches great importance, in making its grants, to the amount of local aid that has been given to the College.

COMPOSITION FEES.

Composition Fees have been instituted in the Faculty of Arts and in the Engineering Departments. The receipts per student have thus been considerably reduced; but the advantages to the students on the one hand and to the College on the other from the simplification of the fee-system have been great.

FACULTY OF ARTS.

One of the most striking developments of the year has been in the chief departments of the Faculty of Arts. The Classes of Latin, Greek, French, History, and Archæology have largely increased in numbers.

DEPARTMENT OF GERMAN.

The organisation of the Department of German referred to in the last Report has been completed by the appointment, by the University Senate, of Prof. Robertson as second Professor of German, and of Drs. Steppatt and Williams as Readers in German. It is to be hoped that at an early date the University will be able to provide for the organisation of the Romance Languages on a similar scale.

DEPARTMENT OF HISTORY.

The benefits of the Astor Endowment on the work of the History Department have been at once felt. The appointment of an Assistant to take charge of the Ancient History work has enabled the Professor to give more time to the teaching of Modern History.

The teaching of History has been further strengthened by the appointment of Mr. A. F. Pollard to be Professor of Constitutional History.

INDIAN SCHOOL, AND ORIENTAL LANGUAGE DEPARTMENTS.

The Council have great satisfaction in reporting that the Indian School and Oriental Language Departments have now been put on a footing of complete equality with the Indian Schools of the older Universities, and have received recognition from the Secretary of State for India in the form of a grant of £300 a year towards the payment of Professors and Lecturers and the improvement of the Libraries and apparatus of the School. The School has for many years done a large share of the training of men for the Civil Service of India, and with this additional help its effectiveness is certain to be increased.

MORAL PHILOSOPHY.

It has long been felt that a single Chair of Philosophy was inadequate to the needs of the subject. On the resignation of Prof. Sully from the Grote Chair the Senate recommended the Council to carry out the intention of the Founders of the College and institute a second Chair to be known as the Chair of Moral Philosophy. The Council hope shortly to make an appointment to this Chair; but, as the subject is one which appeals only to advanced Students, large classes cannot be looked for, and it is therefore very much to be desired that some endowment should be forthcoming to supplement students' fees.

DEPARTMENT OF ECONOMICS.

The additional funds for this Department mentioned in the last Report have added greatly to its effectiveness. In that connection the Council desire to acknowledge the important service rendered to the College by Miss Clara Collet, M.A. They trust that it will be possible to maintain and even add to the efficiency of the Department, but this is hardly possible without further endowment.

DEPARTMENT OF CHEMISTRY.

The reorganisation of this Department referred to in the last Report has been carried out with the most satisfactory results. The laboratories are now full, and it has been needful to refuse admission to several students. The Council desire again to call attention to the importance of providing additional and improved accommodation for this Department.

STATISTICAL AND BIOMETRICAL LABORATORY.

By the generosity of the Drapers' Company Prof. Karl Pearson has been enabled to develop the work of his Research, Statistical, and Biometrical Laboratory, and the Council trust that means will be forthcoming to maintain the Department in its present high efficiency and to develop it still further. The Department provides training in the general theory of Statistics in such a way as to be of service not only to biometricians, but to those who propose in the future to deal with social, economic, and vital statistics.

PSYCHOLOGICAL LABORATORY.

In order still further to develop the important work of this Laboratory the Council have appointed Mr. McDougall Reader in Experimental Pyschology for the current Session. They regret that the annual subscriptions have fallen off, and desire to point out that this Department cannot be maintained unless special funds are forthcoming for it.

PHARMACOLOGY.

By the appointment of Professor Bradford to the Chair of Medicine (made vacant by the resignation of Professor Poore), a vacancy in the Chair of Materia Medica was occasioned. On the recommendation of the Senate, the Council decided to alter the style and character of the work of the Chair and to appoint a Professor of Pharmacology and Materia Medica and a Lecturer on Therapeutics. Mr. Carteighe, a Member of the Council, has kindly promised to subscribe £100 a year for three years towards the salary of the Professor of Pharmacology if an equal amount can be raised from other sources.

Mr. Henry S. Wellcome has promised a donation of one hundred guineas for the Chair of Pharmacology.

DEPARTMENT OF ARCHITECTURE.

The appointment of a new Professor of Architecture presented a favourable opportunity for the reorganisation of the Department. Professor Simpson has vigorously taken up the work and has instituted a day course to occupy three years, which seems likely to meet with success. The Department is at present housed in 137 Gower Street.

By the generosity of the Carpenters' Company the Evening Classes in Architecture have been continued.

ENGINEERING SCHOOL.

The appreciation of the College Engineering School by the Government has been shown in the appointment of Mr. K. T. B. Tressler, B.Sc., as Engineer in the Indian Public Works Department.

THE WORK OF THE COLLEGE.

The details of the work of the College are recorded in the Deans' Reports which are printed in the Calendar.

The Session of the Faculties of Arts and Laws and of Science was brought to an end by an Assembly of those Faculties at which the Prizes and Medals were distributed by Sir Edwin Durning-Lawrence, Bart., M.P., a distinguished former student of the College. Sir Edwin Durning-Lawrence's address at the conclusion of the formal part of the proceedings is printed in the Calendar.

The Council attach the greatest importance to the original work done by the Teaching Staff and Students of the College, and therefore reprint the following lists for the information of Members.

I. List of Original Papers and other Publications during the Year 1902–1903.

FACULTY OF ARTS AND LAWS.

Department of Latin.

Professor A. E. Housman.

(1) Remarks on the Culex. (*Classical Review*, xvi. pp. 339–46.)
(2) Ovid, Art. Am. I. 337. (*Ibid.* pp. 442–6.)

Department of Greek.

Professor A. J. Platt.

(1) The Iliad of Homer. Book XVIII. (Blackie & Son.)
(2) Notes on the First Oration of Julian. (*Classical Review*, April 1903.)

Department of Archæology.

Professor E. A. Gardner.

(1) Ancient Athens. 1902.
(2) The Bronze Statue from Carigolto. (*Journal of Hellenic Studies*, 1903, i.)

J. ff. Baker Penoyre.

(3) Pheneus and the Pheneatike. (*Journal of Hellenic Studies* 1902, ii.)

Department of Comparative Philology.

Professor J. P. Postgate.

(1) Vindiciae Propertianae. III. Transpositions of Lines. (*Classical Review*, vol. xvi. pp. 306–315.)
(2) On some Papyrus Fragments of Isidore at Zurich, with a photographic reproduction. (*Transactions of the Cambridge Philological Society*, vol. v. part iv.)
(3) On the Etymology of *Peiero*. (*Ibid* 1902, p. 8.)
(4) Epilegomena on Lucretius. (*Classical Review*, vol. xvii. pp. 30–32.)
(5) The Moscow Manuscript of Columella. (*Ibid.* p. 47.)
(6) Etymological Varieties. (*Ibid.* pp. 56 *seq.*)
(7) Messalla in Aquitania. (*Ibid.* pp. 112–117.)
(8) On the Form of Pseudonyms in Latin Elegy. (*Ibid.* p. 261.)

Department of Hebrew.

Professor Hermann Gollancz.

(1) The Ethical Treatises of Berachya. Hebrew Texts, Translation, Introduction, and Notes, 1902.
(2) 'Clavicula Salomonis' (Description of a Hebrew MS.), 1903.

Department of Egyptology.

Professor W. M. F. Petrie.

(1) Abydos, Part II., 1903. 50 pp.; 64 plates.
(2) History of Egypt. Vol. I.; 5th edition.

Department of English.

Professor W. P. Ker and R. W. Chambers.

(1) Edition of *The Chronicle of Froissart*, translated by Sir John Bourchier, Lord Berners. Volumes 4–6. (London: Nutt, 1901–1903.)

R. W. Chambers.

(2) Index to Froissart, in Volume 6, as above.

Department of French.

Professor L. Brandin.

(1) The Chatelaine of Vergi, a 13th Century Romance. Edited, with Introduction, by L. Brandin. (London: Nutt; Paris: P. Genthner, 1903.)

Department of German.

R. Priebsch.

(1) Zwei neue Fragmente aus Jan de Clerk's Dietsche Doctrinale. (*Tijdschrift v. nederl. Taal- en Letterk.* xxi. (1903) S. 227, &c.)
(2) Unbekannte Briefe von (*a*) Schiller, (*b*) F. H. Jacobi, (*c*) A. W. Schlegel und G. Hufeland. (*Archiv f. d. Stud. d. neueren Sprachen u. Litteraturen*, Bd. 110, S. 20 ff.)
(3) Ungedruckte Briefe aus Klopstocks Lebensabend. ebd.
(4) Aus deutschen Handschriften der Kgl. Bibliothek zu Brüssel I. (*Zeitschrift. f. d. Philologie*, Jhg. 1903, S. 1 ff.) (To be continued.)

Dr. J. Steppat.

(5) Bruchstücke einer a.h.d. Interlinear version d. Cantica. (*PBB.* Bd. 27, S. 504 ff.)

Dr. Williams.

(6) Die Vocale der Tonsilben im Codex Wintoniensis. Halle, 1902.

Jessie Raven.

(7) Das spätmhd. Spruchgedicht vom '*Vergissmeinnicht*' (ready for press).

[Two Dissertations written by Jessie Raven and Marie Lewenz for the M.A. Degree (Internal) and accepted by the Examiners, should be mentioned, viz. *Der Einfluss der englischen Litteratur auf J. F. W. Zachariä*, and '*Der Traum*' ein spätmhd. Gedicht, Text u. Untersuchungen.]

Department of Pali and Buddhist Literature.

Professor T. W. Rhys Davids, LL.D., Ph.D.

Buddhist India. (Fisher Unwin, 1903.)

Department of Philosophy of Mind and Logic.

Professor J. Sully.

(1) An Essay on Laughter, its Causes. November 1902.

W. McDougall.

(2) In conjunction with Dr. C. V. Myers, Part ii. Vol. II. of the Report of the Cambridge Anthropological Expedition to Torres Straits.

(3) The Nature of Inhibitory Processes within the Nervous System. (*Brain*, Summer No., 1903.)

(4) Physiological Factors of the Attention-Process. Pt. ii. (*Mind*, July 1903.)

Department of Jurisprudence.

J. W. Salmond, M.A., LL.B., Fellow of the College, Professor of Law in the University of Adelaide.

(1) Jurisprudence, or the Theory of the Law. (Stevens & Haynes, 1902. Pp. xvi, 674.)

Department of Political Economy.

Mr. G. Udny Yule.

(1) Mendel's Laws and their probable relations to inter-racial heredity. (*New Phytologist*, Nov. & Dec. 1902.)

(2) Notes on the Theory of Association of Attributes in Statistics. (*Biometrika*, Feb. 1903.)

Mr. C. P. Sanger.

(3) The Legal View of Profits. (*Economic Journal*, June 1903.)

And various reviews in the same Journal.

FACULTY OF SCIENCE.

Department of Pure Mathematics.

Professor M. J. M. Hill.

(1) On a Geometrical Proposition connected with the Continuation of Power Series. (*Proceedings of the London Mathematical Society*, vol. xxxv. pp. 41–50.)

(2) On the Continuations of Certain Fundamental Power Series. (*Proceedings of the London Mathematical Society*, vol. xxxv. pp. 388–416.)

L. N. G. Filon.

(3) On a New Mode of Expressing Solutions of Laplace's Equation in Terms of Operators involving Bessel Functions. (*Phil. Mag.* August 1903.)

S. M. Jacob.

(4) "On certain Sequences for determining the n-th Root of a Rational Number." (*London Mathematical Society.*)

Department of Applied Mathematics.

Professor K. Pearson.

(1) Mathematical Contributions to the Theory of Evolution. XI. On the Influence of Natural Selection upon Variation and Correlation. (*Phil. Trans.* vol. 200, A, pp. 1–66.)

(2) Mathematical Contributions to the Theory of Evolution. On Homotyposis in Homologous but Differentiated Organs. (*Proc. R. S.* vol. 71, pp. 288–313.)

(3) The Function of Science in the Modern State (Prefatory Essay to Vol. IX. of the *Encyclopædia Britannica*, Supplement).

(4) On the Systematic Fitting of Curves to Measurements and Observations. Part II. (*Biometrika*, vol. ii. pp. 1–23.)

(5) The Law of Ancestral Heredity (with Appendices by Norman Blanchard and Alice Lee, *Biometrika*, vol. ii. pp. 211–236.)

(6) On Francis Galton'sDifference Problem. (*Biometrika*, vol. i. pp. 390–399).

(7) On Dr. Simpson's memoir on *Paramæcium caudatum*. (*Biometrika*, vol. i. pp. 404–407.)

(8) On the Probable Errors of Frequency Constants. (*Biometrika*, vol. ii. pp. 271–281.)

(9) Professor von Török's Attack on the Arithmetic Mean. (*Biometrika*, vol. ii. pp. 338–345.)

(10) On Homogeneity and Heterogeneity in Cranial Series. (*Biometrika*, vol. ii. pp. 345–347.)

(11) On a General Theory of the Method of False Position. (*Phil. Mag.* June 1903, pp. 658–668.)

(12) The Fossil Man of Lansing, Kansas. (*Nature*, March 1903.)

ALICE LEE, MARIE A. LEWENZ and K. PEARSON.

(13) On the Correlation of the Mental and Physical Characters in Man. Part II. (*R. S. Proc.* vol. 71, p. 106 *seqq.*)

ALICE LEE, S. JACOB and K. PEARSON.

(14) Preliminary Note on Inter-racial Characters and their Correlation in Man. (*Biometrika,* vol. ii. pp. 347–356.)

ALICE LEE.

(15) On the Relationship of Local Rates to Remunerative Loans. (In type for the *Economic Journal.*)

W. R. MACDONELL.

(16) On the Influence of Previous Vaccination in Cases of Small-pox. (*Biometrika,* vol. i. pp. 375–383.)

(17) A Further Study of Statistics relating to Vaccination and Small-pox. (*Biometrika,* vol. ii. pp. 135–144.)

CICELY D. FAWCETT assisted by ALICE LEE and others.

(18) A Second Study of the Variation and Correlation of the Human Skull, with Special Reference to the Nagada Crania. (*Biometrika,* vol. i. pp. 408–467. This memoir is the result of five years spent in the measurement of upwards of 400 skulls, and in the numerical reduction of the data.)

FRANK E. LUTZ.

(19) On the Influence of Change of Sex on the Intensity of Heredity. (*Biometrika,* vol. ii. pp. 237–249.)

Several of the workers at University College contributed to the following joint papers with workers elsewhere:—

(20) Cooperative Investigations on Plants. I. On Inheritance in the Shirley Poppy. (*Biometrika,* vol. ii. pp. 56–100. W. R. MACDONELL, M. NOTCUTT, MARIE A. LEWENZ, E. LEA-SMITH, NORMAN BLANCHARD, ALICE LEE, and K. PEARSON.)

(21) Cooperative Investigations on Plants. II. Variation and Correlation in Lesser Celandine from divers Localities. (*Biometrika,* vol. ii. pp. 145–164. NORMAN BLANCHARD, MARY BEETON, E. LEA-SMITH, ALICE LEE, and K. PEARSON.)

H. W. CHAPMAN.

(22) On the Problem of Columbus. (*Phil. Mag.* April 1903, pp. 458–476.)

L. N. G. FILON.

(23) Reductions of Photographs of Swift's Comet (a, 1899) taken at the Cambridge Observatory with a Portrait Lens. (*Monthly Notices of the Royal Astronomical Society,* vol. lxii. pp. 561–580.)

(24) On an Approximate Solution for the Bending of a Beam of Rectangular Cross-Section under any System of Load, with Special Reference to Points of Concentrated or Discontinuous Loading. (*Phil. Trans.* vol. 201, pp. 63–155.)

W. Palin Elderton.

(25) Tables for Testing the Goodness of Fit of Theory to Observation. (*Biometrika*, vol. i. pp. 155–163.)

(26) Interpolation by Finite Differences (Two independent Variables). (*Biometrika*, vol. ii. pp. 105–108.)

(27) Graduation and Analysis of a Sickness Table. (*Biometrika*, vol. ii. pp. 260–272.)

(28) During the Christmas vacation more than 80 whole plate photographs of English skulls were taken in the Department, and it is hoped that these may serve as illustrations to a forthcoming memoir by Dr. W. R. Macdonell.

Department of Physics.

L. N. G. Filon.

(1) On the Variation with Wave-Length of the Double Refraction in Strained Glass. (*Proc. Camb. Phil. Soc.* vol. xii. p. 55.)

Prof. F. T. Trouton and H. R. Noble.

(2) On the Forces acting on a Condenser moving through the Ether. (Read at the *Royal Society*, June 18th, 1903.)

Prof. Trouton and E. S. Andrews.

(3) The Viscosity of Pitch-like Substances. (*Physical Society*, June 12th, 1903.)

Prof. Trouton and Buena Pool.

(4) The Variation with Temperature of the Equilibrium Pressure of Water-Vapour in the Presence of Fibrous Substances.

C. Cuthbertson.

(5) The Refractivity of Vapours of Mercury, Phosphorus and Arsenic.

Principal G. Carey Foster, F.R.S., and Alfred W. Porter, B.Sc.

(6) Elementary Treatise on Electricity and Magnetism. Second Edition. London: Longmans & Co., 1903.

Departments of Inorganic and Organic Chemistry.

Prof. Sir William Ramsay, K.C.B.

(1) The "Watt" Lecture on the Aurora Borealis. (*Greenock Philosophical Society, Trans.*, 1903.)

(2) The Amounts of Krypton and Xenon in Atmospheric Air. (*Proceedings Royal Society*, 1903; & *Zeitschrift für physikalische Chemie*, 1903.)

(3) Conférence sur les Nouveaux Gaz de l'Air. (*Société Chimique de Paris*, 1902.)

In conjunction with B. D. Steele.

(4) The Accurate Density and Compressibility of certain Vapours. (*Phil. Mag.* 1903; & *Zeitschrift für physikalische Chemie*, 1903.)

In conjunction with EMILY ASTON.

(5) The Molecular Surface-Energy of some Mixtures of Liquids. (*Royal Irish Academy*, 1902.)

In conjunction with GEORGE SENTER.

(6) The Cause of the Hydrostatic Pressure of Liquids. (In course of publication.)

Prof. J. N. COLLIE.

(7) On Methyl Fluoride. (In course of publication.)
(8) Condensation Products of the di-Sodium Salt of Diacetylacetone with Acetyl Chloride. (In course of publication.)

F. D. DONNAN and R. LE ROSSIGNOL.

(9) The Velocity and Mechanism of the Reaction between Potassium Ferrocyanide and Potassium Iodide. (*Trans. Chem. Soc.*, 1903.)

F. D. DONNAN.

(10) On the Theory of Colloidal Solutions. (*Proc. Roy. Soc.*, 1902.)

F. D. DONNAN and KATHERINE A. BURKE.

(11) The Interaction between Alkyl Iodides and Silver Nitrate. (In course of publication.)

Assistant-Professor MORRIS W. TRAVERS.

(12) L'Obtention et la Mesure des très basses Températures. (D'après deux Conferences faites à University College, London.) (*Revue générale des Sciences*, June 1903.)
(13) On the Liquefaction of Hydrogen. (*Kongress für Angewandte Chemie*, Berlin, 1903.)
(14) A Study of the Regenerative Process for the Liquefaction of Air and Hydrogen. (Submitted to the Smithsonian Institution in Washington.)
(15) Leitung zur Untersuchung von Gasen. (Vieweg, Brunswick.)

Assistant-Professor MORRIS W. TRAVERS and C. J. FOX.

(16) On the Vapour Pressure of Liquid Oxygen on the Constant-Volume-Oxygen scale.

W. MAKOWER and H. R. NOBLE.

(17) On the Measurement of the Pressure Coefficient of Oxygen at different Initial Pressures.

H. S. SHELTON.

(18) Über den Molekularzustand des Borax in Lösung. (*Zeitschr. physik. Chem.*, 1903.)

HENRY BASSETT.

(19) Mechanism of the Reduction of Potassium Dichromate by Sulphurous Acid. (*Trans. Chem. Soc.*, 1903.)
(20) Note on the Corrosion of an Egyptian Image. (*Proc. Chem. Soc.*, 1903.)

J. K. H. Inglis.

(21) Notes on Ozone. (*Trans. Chem. Soc.*, 1903.)

Assistant-Professor E. C. C. Baly.

(22) The Spectra of Neon, Krypton, and Xenon. (In course of publication.)

Prof. Sir W. Ramsay, Harriette Chick, and F. Collingridge.

(23) A Preliminary Investigation of the Derivatives of Gutta-percha. (*Journ. Soc. Chem. Ind.*, 1903.)

Department of Pathological Chemistry.

Prof. Vaughan Harley and Wakelin Barratt.

(1) An Experimental Enquiry into the Formation of Gall-stones (*Journ. of Physiology*, xxiv. nos. 4 & 5.)

Francis Goodbody, Noel Bardswell, and J. E. Chapman.

(2) Metabolism on Normal and Forced Feeding. (*Journ. of Phys.*)

A. G. Levy.

(3) An Error in the Estimation of the Specific Gravity of the Blood by Hammerschlag's Method when employed in Connection with Hydrometers. (*Proceedings of the Royal Society*, vol. 71.)

Sir Victor Horsley and C. E. Beevor.

(4) On the Pallio-tectal Fibres. (*Brain.*)

(5) Papers published by the Pathological Chemical Dept., Session 1903.

Department of Botany.

Prof. F. W. Oliver.

(1) On the Ovules of the older Gymnosperms. (*Annals of Botany*, xvii. p. 451, 1903.)

(2) On some points of apparent resemblance in certain Fossil and recent Gymnospermous Seeds. (*New Phytologist*, i. p. 145 1902.)

(3) On the Identity of *Sporocarpon ornatum*, Williamson, and *Lagenostoma physoides*, Williamson. (*New Phytologist*, vol. ii. p. 18, 1903.)

(4) Notes on Fossil Fungi. (*New Phytologist*, vol. ii. p. 49, 1903.)

(5) On *Stephanospermum*, Brongt., a Genus of Fossil Gymnospermous Seeds. (Read before and accepted for publication by the Linnean Society, 1903.)

Prof. F. W. Oliver and Edith Chick.

(6) On the Seed and Seedling of *Torreya myristica*. (*Brit. Assoc. Rep.*, Belfast, 1902.)

Prof. F. W. Oliver and D. H. Scott (formerly Assistant-Professor of Botany in the College).

(7) On *Lagenostoma Lomaxi*, the seed of *Lyginodendron*. (*Proc. Roy. Soc.* May 1903.)

A. G. TANSLEY and EDITH CHICK.

(8) On the Structure of *Schizæa malaccana.* (*Annals of Botany,* xvii. p. 493, 1903.)

A. G. TANSLEY (and F. F. BLACKMAN).

(9) A Revision of the Classification of the Green Algæ. (*New Phytologist,* vol. i. 1902, and published separately, 1903.)

A. G. TANSLEY has edited also *The New Phytologist,* to which he has contributed various articles, notes, and reviews, throughout the Session.

EDITH CHICK.

(10) The Seedling of *Torreya myristica.* (*New Phytologist,* ii. p. 83, 1903.)

F. E. FRITSCH.

(11) Recent Discoveries of Caoutchouc in Plants. (*New Phytologist,* ii. p. 25, 1903.)

WINIFRED SMITH.

(12) *Macaranga triloba,* a new Myrmecophilous Plant. (*New Phytologist,* ii. p. 79, 1903.)

MARIE C. STOPES.

(13) The Leaf-structure of *Cordaites.* (*New Phytologist,* ii. p. 91, 1903.)

Department of Zoology.

Professor E. A. MINCHIN.

(1) The Sporozoa, in Lankester's A Treatise on Zoology, Part I. (Protozoa) Section K.

Assistant-Professor E. WARREN.

(2) A Preliminary Attempt to ascertain the Relationship between the Size of the Cell and the Size of the Body in *Daphnia magna,* Straus. (*Biometrika,* ii. pp. 255–259.)

E. T. BROWNE.

(3) Hydrozoa, in 'Southern Cross' Expedition. (*Brit. Mus. Reports.*)

(4) Report on some Medusæ from Norway and Spitzbergen. (*Bergens Mus. Aarbog,* 1903, no. 4.)

H. M. WOODCOCK.

(5) Report [on Sporozoan and other Parasites]. (*Brit. Assoc. Report* 1902.)

Department of Pathology.

Prof. S. MARTIN.

(1) "On the Chemical Products of Diarrhœa-producing Micro-organisms." 1. Bacillus dysenteriæ. 2. Proteus vulgaris. (*Reports of Medical Officer of Local Government Board.*)

H. Batty Shaw.

(2) On Acroparæsthesia. (*Practitioner.*)
(3) The Effect on the Leucocytes of the Injection of Chemical Substances. (*Journ. of Pathology.*)

C. Bolton.

(4) The Effect of Lesions of the Pericardium on the Circulation of the Blood. (*Brit. Med. Journ.* 1903.)

Department of Hygiene.

Professor W. H. Corfield.

(1) "The Laws of Health" (Longmans & Co.). New issue. 24th thousand.

H. R. Kenwood.

(2) "Two Years' Experience of the Voluntary Notification of Consumption in London—and its Lessons." *Public Health Laboratory Work* (3rd edition). (Lewis's Practical Series.)

F. P. Franklin Evans.

(3) The Ammonia in the Atmosphere.

D. Sommerville.

(4) The Viability of the Typhoid Bacillus in Soil.

Department of Physiology.

W. M. Bayliss and E. H. Starling.

(1) On the Uniformity of the Pancreatic Mechanism in Vertebrates. (*Journ. of Physiol.* 1902.)
(2) On the Proteolytic Activities of the Pancreatic Juice. (*Journ. of Physiol.* 1903.)

W. A. Osborne and S. Zobel.

(3) The Carbohydrates of Muscle. (*Journ. of Physiol.* 1903.)

W. A. Osborne.

(4) A New Synthesis of Homogentisic Acid. (*Proc. Physiol. Soc.* 1903.)

F. A. Bainbridge.

(5) On the Adaptation of the Pancreas to Changes in the Food. *Proc. Roy. Soc.* 1903.)

J. H. Parsons.

(6) The Intraocular Circulation. (*Arris and Gale Lectures,* 1903.)
(7) Physiological Optics. Churchill, 1902.
(8) Degenerations following Lesions of the Retina in Monkeys. (*Brain,* 1902.)

Department of Mechanical Engineering.

Professor J. D. Cormack.

(1) Technical Education in the University of London. Introductory Address, Session 1902–3. (*Engineering*, 31st Oct., 1902.)
(2) Apprenticeship in Engineering Training. (Institution of Civil Engineers, Engineering Conference, June 1902.)

Department of Electrical Engineering.

Professor J. A. Fleming.

(1) The Photometry of Electric Lamps. (*Proc. Inst. Electrical Engineers*, vol. xxxii. 1903. Paper read Dec. 11th, 1902. Awarded the Institution Premium of £25.)
(2) A Note on a Form of Magnetic Detector for Hertzian Waves. (*Proc. Roy. Soc.* vol. lxxi. March 1903.)

Professor J. A. Fleming and W. C. Clinton.

(3) On the Measurement of Small Capacities and Inductances. (*Proc. Phys. Soc. Lond.* vol. xviii. 1903; also *Phil. Mag.* May 1903.)
(4) A Handbook for the Electrical Laboratory and Testing Room. Vol. II. (in the press) by Prof. J. A. Fleming.

Department of Civil Engineering.

Professor L. F. Vernon H. Harcourt.

(1) River Engineering. (*Encyclopædia Britannica*, Tenth Edition. vol. xxxii. 1902.)
(2) The Düsseldorf Navigation Congress, 1902; and Works visited by the Congress in Germany. (*Excerpt Minutes of Proceedings of the Institution of Civil Engineers*, vol. clii. 1903.)

Department of Geology and Physical Geography.

Professor E. J. Garwood.

(1) A Map of the Glaciers of Kangchenjunga, with remarks on some of the Physical Features of the District. (*Geogr. Journ.* July 1902.)
(2) On the Origin of some Hanging Valleys in the Alps and Himalayas. (*Quart. Journ. Geol. Soc.* Nov. 1902.)
(3) The Geology of Edlingham Parish, &c. (*A History of Northumberland*, vol. vii.)

II. Postgraduate Courses of Lectures and Laboratory Work (1903–1904).

I.—FACULTY OF ARTS.

1. **LATIN.**—Prof. A. E. Housman, M.A.

   A Course of Lectures on Latin Textual Criticism with especial reference to Martial.

2. **GREEK.**—Prof. Arthur Platt, M.A.

   A Course of Lectures on Early Greek Philosophy.

3. **COMPARATIVE PHILOLOGY.**—Prof. J. P. Postgate, M.A., Litt.D.

   A Course of Lectures and Classes on The Comparative Syntax of Greek and Latin.

4. **SANSKRIT.**—Prof. E. J. Rapson, M.A.

   A Course of Lectures and Classes on "The Structure of the Sanskrit Language."

5. **HEBREW, etc.**—Prof. H. Gollancz, M.A., D.Lit.

   (*a*) Classes on Mishna, Pirke Aboth.

   (*b*) A Course on Phœnician Inscriptions by Dr. Hirschfeld may be arranged.

6. **ENGLISH LANGUAGE AND LITERATURE.**—Prof. W. P. Ker, M.A., LL.D.

   (*a*) A Course of Lectures on the Literature of the Thirteenth and Fourteenth Centuries.

   (*b*) A Course of Lectures on English Literature (1740–1850).

   (*c*) Courses of Lectures and Conferences on Germanic Philology, with reference to Old and Middle English, by Dr. John Lawrence, of Bedford College (under the Inter-Collegiate arrangement).

   (*d*) A Series of Conferences on Special Subjects by Assistant-Professor Gregory Foster.

7. **ICELANDIC AND SCANDINAVIAN PHILOLOGY.**—Dr. John Lawrence, of Bedford College (under the Inter-Collegiate scheme).

Classes for the study of Icelandic texts.

8. **ROMANCE PHILOLOGY, FRENCH LANGUAGE AND LITERATURE.**—Prof. Louis M. Brandin, M.A., Ph.D.

(*a*) Courses of Lectures on French Literature (XVIIth century).

(*b*) Courses of Lectures and Classes on Historical French Grammar and on Romance Philology.

(*c*) Courses on Old Provençal Language and Literature.

(*d*) Ten University Lectures on the Chansons de Geste.

9. **GERMANIC PHILOLOGY, GERMAN LANGUAGE AND LITERATURE.**—Prof. R. Priebsch, Ph.D.

(*a*) A Course of Lectures on the History of German Literature from the earliest time to about 1250.

(*b*) A Course of Lectures on Historical Grammer of the German Language.

(*c*) A Class for the Explanation of Middle High German Texts.

(*d*) Seminar Classes.

10. **ARCHÆOLOGY.**—Prof. E. A. Gardner, M.A.

The work in this Department is almost entirely of a post-graduate character.

The work of the Department consists of the following:—

(1) Lectures, usually once a week, on some artistic or archæological subject. The subjects are chosen so as to give some notion of the methods of archæological research.

(2) Demonstrations, mostly in the British Museum.

(3) Classes of a "Seminar" type, attended by a select number of Students; in these the Students usually read papers in turn, involving original research, or study of a difficult problem.

(4) Classes for practical work; *e. g.*, sorting and identifying casts of ancient coins.

(5) Independent work of various Students. The Professor attends at regular hours in the Yates Library to give help and advice with such work.

(6) Lectures on sites and in museums in Greece. The Professor gives a Course of these Lectures every year, fitting, in part at least, into the Easter Vacation. These lectures are

attended by many of those employed in classical or historical teaching, including lecturers from Oxford, Cambridge, and other Universities in England and America, Masters in Public Schools, &c.

(7) The Yates Lectures, by the Professor and other teachers, appointed as need arises, on the various subjects prescribed for postgraduate students in Classical Archæology.

(8) A Course of Lectures in the First Term by Dr. EVANS (Yates Lecturer, 1903-04) on the Minoan Civilisation of Crete.

The Yates Library, which is open to Students in this Department, is well equipped as a working library, especially for classical archæology. There is also a certain amount of apparatus, such as photographs, casts, &c. The addition of a gallery of casts to illustrate the history of Sculpture is an urgent need, which it is hoped may soon be met.

11. **EGYPTOLOGY.**—Prof. FLINDERS PETRIE, D.C.L., LL.D.

Courses of Lectures on History and Archæology are delivered during the First and Third Terms.

There is an almost complete Library of Egyptology, and also a collection of objects for Archæological study, and facilities for research are provided, and are largely used for advanced work.

During the Second Term, the Professor and his special students excavate in Egypt. There is a Special Fund—the "Egyptian Research Account"—which is devoted to the assistance of a student in Egypt each year.

12. **PHILOSOPHY OF MIND AND LOGIC.**—Prof. CARVETH READ, M.A.

(*a*) An Advanced Course in Psychology.

(*b*) Advanced Courses on Logic.

(*c*) Dr. SULLY hopes to give a Course on the History of Modern Æsthetics in the Third Term.

(*d*) A Course on Plato and Aristotle by Prof. READ.

13. **EXPERIMENTAL PSYCHOLOGY.**—Mr. W. MCDOUGALL.

Courses of Lectures with Laboratory work.

14. **POLITICAL ECONOMY.**—Prof. H. S. FOXWELL, M.A.

(*a*) A Course of Lectures on Currency, Banking, and Foreign Trade.

The Functions of Money, Metallic Currencies and Mintage, various Legal Tender Systems, Currency Parity; the English Banking System, the Reserve and the Discount Rate, Note Issue and the Bank Acts; the Foreign Exchanges; the Stock Exchange and the Economic Aspects of Speculative Dealing; Commercial Fluctuations, their causes and history; Foreign Trade.

(*b*) A Course of Lectures on PUBLIC FINANCE by Mr. C. P. SANGER.

(*c*) **Newmarch Lectures** on the History of Statistics, by Mr. G. UDNY YULE.

(*d*) A Class on the Methods of Statistics.

(*e*) **Jevons Memorial Lectures**, by Mr. A. C. PIGOU, on Modern Aggregations of Capital in Business Enterprise.

(*f*) A Class on the Mathematical Theory of Economics by Mr. SANGER.

15. **ECONOMIC GEOGRAPHY.**—Prof. L. W. LYDE, M.A., F.R.G.S.

Courses on Economic Geography.

II.—FACULTY OF SCIENCE.

16. **PURE MATHEMATICS.**—Prof. HILL, D.Sc., F.R.S.

(*a*) One Lecture a week on the Theory of Functions.

(*b*) One Lecture a week on the Algebra of Quantics.

(*c*) One Lecture a week by Dr. FILON on Discontinuous Functions, with applications to Mathematical Physics.

(*d*) One Lecture a week by Dr. FILON on Differential Equations.

(*e*) One Lecture a week by Dr. FILON during the First and Second Terms on Elliptic Functions.

17. **APPLIED MATHEMATICS.**—Prof. KARL PEARSON, M.A., LL.B., F.R.S.

MATHEMATICAL PHYSICS. The Professor is always glad to assist Students in research work in the application of mathematics to physical problems, especially in the Theory of Elasticity. The Senior Analytical Course (Lectures, Monday 11–12 and Thursday 3–4) is designed to draw the attention of Students to physical problems awaiting mathematical solution.

MATHEMATICAL THEORY OF STATISTICS. Both lectures and practical work in this subject are especially intended for Postgraduate Students.

Provision will be made for two hours *Lectures* weekly and for two days *Practical Class*. The time and material will be selected to suit the knowledge of those desiring to do statistical work, who are requested to meet the Professor on Wednesday, Oct. 8th, at 4 o'clock.

Lectures.—There will be an Elementary Course dealing with the General Theory of Statistics, Normal and Skew Variation,

Normal Correlation, etc., or an Advanced Course on the Quantitative Theory of Heredity or other selected branch of Applied Statistics.

Practical Class.—Students will be taught on actual Statistical data to calculate various types of Statistical Measurements and Coefficients; they will be shown the use of tables and mechanical calculators; or if they have already obtained this experience, they will be assisted in research work suited to their stage of progress. Statistical Students can work at any time on any days, and the Professor will always be able to see and discuss their work with them in the course of the day.

STATISTICAL AND BIOMETRIC LABORATORY (assisted by a Grant from the Worshipful Company of Drapers).

Assistants: L. N. G. FILON, M.A., D.Sc.
J. CLERK MAXWELL GARNETT, B.A.
Computator & Statistical Demonstrator: ALICE LEE, B.A., D.Sc.
Microscopist: MARION RADFORD.

The Instrument Room is open every day from 9.30 to 5.30 for research workers, and assistance given with instruments, material and general guidance in either Applied Mathematics or Statistics. Research workers can start work at any time in the Session; it is necessary that they should have had an elementary preliminary training in either Mathematics or Biology, but the staff is always prepared to give aid and advice in investigations and to suggest problems upon which students and others may be trained in accurate and methodical enquiry. Students are reminded that degrees of the University of London can be now obtained by research work, and that the training thus gained is far more profitable than any mere examination curriculum for professions which demand careful observation and power of original thought.

18. **PHYSICS.**—Prof. F. T. TROUTON, M.A., D.Sc., F.R.S.

The Physical Laboratory is open during the year for Research Students under the guidance of the Professor, who will, if required, suggest subjects, and is always ready to give advice and assistance.

19. **CHEMISTRY.**—Prof. Sir WILLIAM RAMSAY, K.C.B., Ph.D., LL.D., Sc.D., F.R.S., and Professor J. NORMAN COLLIE, Ph.D., F.R.S.

(*a*) Advanced Course of *Physical Chemistry.* Lectures on this subject are delivered on Tuesdays and Thursdays, at 9, during the Second and Third Terms, twice weekly; also on the History of Chemistry on Saturday mornings at 9 during the Third Term.

(*b*) Lectures on recent discoveries in *Inorganic Chemistry* are delivered by Assistant-Professor M. W. TRAVERS, Mr. N. T. M. WILSMORE, and by other workers in Special Departments on subjects connected with their own research. The Lectures are given during the First and Second Terms.

(*c*) Advanced Course of *Organic Chemistry* by Professor NORMAN COLLIE.

(*d*) A Course of eight Experimental Lectures by Dr. TRAVERS on "Experimental Research at Low Temperatures."

(*e*) A Course of Lectures on Radioactivity by Mr. SODDY.

The Chemical Laboratory is largely attended by Research Students. Special facilities are provided for spectroscopic research, and for experiments requiring low temperatures.

20. **SPECTROSCOPY.**—Mr. E. C. C. BALY, F.I.C.

Courses of Lectures on Spectroscopy and Spectroscopic Appliances.

Mr. Baly will be glad to hear from any student desiring to undertake Research.

21. **GEOLOGY.**—Prof. GARWOOD, M.A.

Courses on Petrology and Palæontology.

Facilities are given to Research Students, who are aided in investigation by the Professor.

22. **BOTANY.**—Prof. OLIVER, M.A., D.Sc.

Courses of Lectures on :—

(*a*) The Special Morphology of Filicineæ, Rhizocarps, and Cycadofilices, by Prof. OLIVER.

(*b*) The Anatomy of Plants, by Assistant-Professor A. G. TANSLEY.

(*c*) The Morphology and Physiology of Algæ, by Dr. F. E. FRITSCH.

Amongst recent additions to the Botanical Collections of the Department are :—

A representative series of preparations and impressions illustrating the structure of the Plants of the Coal Measures.

Several collections of North American plants.

The collections brought home by Mr. Tansley, illustrative of the floras of Ceylon, Malacca, and the Egyptian Desert.

These, like the other Collections, are accessible to Students.

Students engaged upon original investigations in the Laboratory are admitted at a nominal fee.

23. **ZOOLOGY AND COMPARATIVE ANATOMY.**—Prof. E. A. MINCHIN, M.A.

(*a*) A course of Lectures on Cytology by Mr. G. C. CHUBB during the Second Term.

(*b*) During the Third Term a course on Vertebrate Embryology.

(c) Other courses on special subjects or groups, suitable for those who wish to undertake research upon them, will be arranged.

Students whose qualifications are regarded by the Professor as satisfactory, are admitted to research work in the Laboratory.

The Laboratory is provided with aquaria, salt and fresh water, incubators, etc. The Professor is at all times ready to give advice and assistance to those engaged in original work.

24. PHYSIOLOGY.—Prof. E. H. Starling, M.D., F.R.S.

The Laboratory is open for work from 9 a.m. to 5 p.m. It is well equipped for research in all branches—physical, chemical, and histological. Persons who are desirous of conducting original investigations are admitted to work in the Laboratory either without fee or at a small fee, under certain regulations which may be obtained from the Professor.

During the Session 1903-1904, the following courses of advanced Lectures will be given :—

Professor Starling.—"Recent Advances in Physiology."
Dr. W. M. Bayliss.—"The Action of Ferments."
Dr. W. A. Osborne.—"Chemical Aspects of Muscular Activity."
Dr. W. Page May.—"The Tracts of the Brain."
Mr. J. H. Parsons.—"Physiological Optics."
Dr. W. M. McDougall.—"The Physiology of Visual Sensations.'
Dr. Gustav Mann.—"The Structure and Functions of the Animal Cell."

The advanced course of Practical Experimental Physiology and Physiological Chemistry will be held on two days in the week during the First and Second Terms.

The advanced course of Practical Histology will be held five days in the week during the Third Term.

All these courses are designed as preparation for original work.

25. PATHOLOGICAL CHEMISTRY. — Prof. Vaughan Harley, M.D.

The Laboratory is open for work from 9 a.m. to 5 p.m., during which time an Assistant is constantly present.

Instruction is given to the Students at any time, in the methods of chemical analysis of various pathological substances, as of the blood, gastric contents, fæces, urine, etc.

Each member of the class is given actual material to analyse, and from the results obtained he is required to make a diagnosis, which is corrected if necessary.

Lecture demonstrations on the application of the results obtained by analysis, together with discussions on pathological chemistry, so as to show its value in the diagnosis and progress of disease, are given in the afternoons.

Specimens of interest, as they occur, are demonstrated to the classes.

The fee for the class, including apparatus and material, is Five Guineas.

The Laboratory is principally attended by Research Students, and special facilities are provided for carrying out Research work in general metabolism.

26. **PATHOLOGY AND MORBID ANATOMY.**—Prof. Sidney Martin, M.D., F.R.S.

Students are admitted for the purpose of carrying out original research in Pathology, Morbid Anatomy, and Bacteriology by arrangement with the Professor.

27 & 28. **MECHANICAL** (Prof. J. D. Cormack, B.Sc.) **AND ELECTRICAL** (Prof. J. A. Fleming, D.Sc., F.R.S.) **ENGINEERING LABORATORIES.**

Students may be admitted for the purpose of carrying out original work under the guidance of either of the Professors, provided they have acquired the necessary preliminary training.

29. **HYGIENE AND PUBLIC HEALTH.**—

Qualified Students are admitted with the approval of the Professor.

THE LIBRARIES.

The rearrangement of the College Libraries has made considerable progress during the year.

(a) *The Science Library.*

During the past year keys of this Library have been granted to twenty-eight research students.

A grant from the Crabb Robinson Trustees has rendered it possible to improve the furniture of the Library, and it is hoped that the sale of duplicates—of which there is a large accumulation—will provide some funds for the purchase of new books. The necessity of some permanent endowment to meet the increased demands made upon this section of the Library needs, however, to be again emphasized.

(b) *The Modern Language Library.*

The French section of the Library has been extended, by large donations of books from Sir John Rotton and Professor W. P. Ker. The German department has been largely expanded, owing to the action of the University of London in lodging at the College the German Section of its Library for the use of the University Professors in the inter-collegiate teaching of German.

(c) *The General Library.*

The expansion of the Modern Language Library has necessitated the removal of the Graves Collection from the place it formerly occupied in the South Library to the General Library. This is from

every point of view desirable, as this collection contains many rare and early editions, which should be kept in a central position. The handsome Graves books, upon the shelves of the General Library, have made a great difference to the appearance of the room: but this only makes it all the more urgent that the furniture should be in part supplemented, and in part replaced. A more extensive, but very necessary reform is the relaying, in oak, of the floor of the General Library, and the provision of some layer of fire-proof material to isolate the library from the laboratories below.

The library of the late Dr. Frederic Septimus Leighton, consisting of 2580 volumes—chiefly classics and philosophy—has been presented to the College, in accordance with the wishes of his children, Mrs. Sutherland Orr, Mrs. Matthews, and the late Lord Leighton. The books have been placed in the General Library.

(d) *The Medical Library.*

The valuable collection of pamphlets, consisting of 1265 tracts, left to the College by the late Sir John Eric Erichsen, has been indexed, and the entries will be printed in the next Supplementary Catalogue.

THE MUSEUMS.

Rapid progress has been made in the reorganisation of the Museum of Geology. It is hoped that the appointment of Miss Goodyear as Museum Assistant to Prof. Garwood will enable him to complete the work more rapidly and to maintain the Museum in good order.

The Museums of Anatomy and Zoology have received valuable gifts during the year from past and present students, the number of new specimens in the Anatomical Museum amounting to 330. A slip catalogue of a considerable portion of the Zoological Museum has been made.

The work of rearranging the Botanical Museum has been taken in hand and is making satisfactory progress.

Considerable additions have been made to the exhibits in the Egyptian Museum during the past year, making the want of space more evident than before.

EVENING LECTURES AND MEETINGS.

The College has been opened during the past Session five evenings in the week. The Courses for qualified Engineers arranged by Professors Fleming and Cormack, and delivered by them in conjunction with Prof. Carus Wilson, have been well attended and much appreciated.

The lectures delivered by Mr. Stopford Brooke, and arranged by the Committee of the Stopford Brooke Lectureship Fund, have been attended by about 600 persons.

Professor Brandin's public French Lectures last Session were well attended. Dr. Steppat has just begun a series of public lectures in German.

The Meetings of the Philological Society, the Political Economy Club, and of the Geologists' Association, are held regularly in the College. Several Educational Societies and organisations have held meetings in the College, among them the newly founded Classical Association. The Council are glad to welcome such Societies.

IX. SCHOOL.

The following Table shows the number of boys in the School in each of the three terms of the last five sessions and in the first two terms of the current session :—

	1st Term.	2nd Term.	3rd Term.	Average for the year.
1898–1899....	323	308	307	313
1899–1900....	309	314	335	319
1900–1901....	351	345	342	346
1901–1902....	368	383	375	375
1902–1903....	399	415	409	408
1903–1904....	383	377		

The returns submitted to the Council show that the work and discipline of the School continue to be thoroughly satisfactory.

Three boys have passed the Intermediate Science Examination, one taking Honours in Chemistry, another Honours in Physics, and the third being bracketed equal for the Medal and Exhibition in Physics.

The Commercial Department was inspected and examined by the Technical Education Board. Out of the 18 second-year boys, 17 obtained Diplomas, 5 being placed in the First Class and 12 in the Second. (The boy who was unsuccessful had been absent for more than one term.) Of the 11 boys who completed the third-year Course, 6 presented themselves also for the Intermediate Examination in Science (Economics) of the London University. Three of these obtained a First Class, and three a Second Class. All the 11 third-year boys were awarded Higher Commercial Diplomas by the Technical Education Board.

Seventeen boys have passed the Junior Cambridge Examinations, four in Honours.

Thirty-seven boys have passed the London Matriculation Examination. This Examination was held in June at the School under the new regulations for School-leaving Examinations.

The Sixth Form work was examined by the Oxford and Cambridge Joint Board, and the report attests the excellence of the work done. Six boys took the Certificate, with two distinctions.

In December, W. A. C. Goodchild, Captain of the School, gained a Major Exhibition for Classics at Balliol College, Oxford, and L. A. Levy (Lieutenant) a Foundation Scholarship for Mathematics and Science at Clare College, Cambridge.

The total number of Black Book entries for the year was 16.

The Horton Memorial Scholarship was awarded to J. Meek.

Five Open Scholarships will be offered for competition in June next among boys between the ages of twelve and fourteen, whether already in the School or not. Two will be of the value of 24 guineas per annum, the other three of 12 guineas per annum. The Examination will be held on June 14th and 15th.

THE BRANCH SCHOOL.

The Preparatory School at Hampstead makes satisfactory progress under the Head Master, Mr. C. Simmons. The Prizes were distributed by Professor Sadler on July 21st. There are now 88 boys in the School.

X. HOSPITAL.

The Hospital has in the past year sustained a very heavy loss by the death of Sir J. Blundell Maple, Bart., M.P., the munificent Donor of the new building now approaching completion.

The following is an extract from a Resolution adopted by the Hospital Committee at its first meeting held after his death:—

> "The Committee feels that University College Hospital has been deprived of a friend to whom all who are interested in the Institution owe an immense debt of gratitude. The building which he has erected will be a lasting monument of his unstinted generosity and will cause his memory to be ever cherished by the poor Patients whose sufferings it was his aim to alleviate to the utmost of his power."

The following departments have been opened during the past twelve months, viz.:—Typhoid Wards, top floor, South-East Block; Obstetric Out-Patient Department; Casualty Room; Sisters', Nurses', and Servants' Halls; Students' Common Room; Steward's Stores; Office Staff Luncheon Rooms, and Dispensary Laboratory. It is confidently hoped that the whole building will be completed and ready for occupation before the end of the year 1904, and that its full complement of about 300 beds will become available.

The following appointments have been made:—Mr. Frederick John Poynton, M.D., F.R.C.P., Assistant-Physician; Mr. S. A. Bown, Resident Medical Officer; Mr. Worrall, Radiographer.

A Donation of £100 has again been received from the University College Hospital Ladies' Association towards the support of the "U. C. H. Ladies' Association Bed," in addition to a large number of useful garments for the Patients.

X Ray Department.—During the year, 1122 therapeutic applications of the rays have been made in the treatment of a large variety of cases. Numerous Radioscopic examinations have been made, and 246 Radiograms have been taken.

The Committee record with great regret the death of Prof. W. H. Corfield, M.D., M.A., Hon. Sanitary Adviser to the Hospital. During many years he rendered very valuable services to the Committee by his advice on sanitary matters, and by superintending the carrying out of the sanitary work in the new Hospital Building.

Dr. George Vivian Poore, F.R.C.P., retired from the post of Physician to the Hospital in May last, much to the regret of the Committee. The services rendered to the Hospital by Dr. Poore since 1875, when he was appointed Assistant Physician, were of great value, and a deep debt of gratitude is due to him for the energy with which he for so many years urged the rebuilding of the Hospital, and for the active steps he took with that object. His efforts largely contributed to the carrying out of the important work which he had at heart.

The Council of University College, on the recommendation of the Hospital and Medical Committees, appointed Dr. Poore a Consulting Physician of the Hospital.

The Hospital has again been honoured by the selection in the person of Mr. John Tweedy, F.R.C.S., Surgeon to the Ophthalmic Department of the Hospital, of a member of its active staff to occupy the important position of President of the Royal College of Surgeons.

Mr. and Mrs. Henry Lucas have lately endowed by a donation of £2000 a bed in memory of the late Mr. and Mrs. Nathaniel Montefiore. Such endowments are of much value to the Charity, being of permanent benefit to it. Further gifts of a similar nature are earnestly desired.

ANNUAL SUBSCRIPTIONS.

		£	s.	d.
The President		25	0	0
The Treasurer		52	10	0
The Principal		5	0	0
Mr. G. A. Aitken		1	1	0
Dr. W. H. Allchin	(For 5 years)	5	0	0
Mr. W. Ashburner	(For 5 years)	5	0	0
Mr. Walter Baily		10	0	0
Dr. W. M. Bayliss		10	0	0
Mr. Arthur Berry	(For 3 years)	2	2	0
Mr. C. F. T. Blyth		1	1	0
Sir E. H. Busk	(For 5 years)	5	0	0
Mr. M. Carteighe		20	0	0
†Sir Arthur Charles	(For 5 years)	5	0	0
Dr. P. T. Duncan		5	0	0
Mr. J. A. Eccles		10	0	0
Egyptian Exploration Fund		10	0	0
Mr. N. Eumorfopoulos	(For 5 years)	5	0	0
Mr. Edward Filliter		3	3	0
Mr. L. N. G. Filon		1	1	0
Lord Edmond Fitzmaurice		10	0	0
Dr. T. Gregory Foster		5	0	0
Mr. Wm. Francis, Junr.		5	0	0
Dr. F. W. Goodbody		*20	0	0
‡Dr. Charles Graham	(For 4 years)	25	0	0
Miss Grove		1	1	0
Professor Vaughan Harley		*100	0	0
Dr. H. F. Heath	(For 5 years)	5	0	0
Professor M. J. M. Hill		*5	0	0
Professor Victor Horsley		*65	0	0
Professor A. B. Kennedy	(For 5 years)	10	10	0
Professor W. P. Ker	(For 5 years)	5	0	0
Miss Florence Lee		1	1	0
Professor Bunnell Lewis		5	0	0
Mr. Henry Lucas		5	5	0
Mr. N. Micklem		5	0	0
‡Mrs. Nathaniel Montefiore	(For 5 years)	20	0	0
Dr. D. K. Morris	(For 5 years)	2	2	0
Mr. D. Naoroji		1	0	0
Mr. F. Nettlefold		10	0	0
Mr. Richard Pennington		5	5	0
Professor J. A. Platt		5	0	0
Sir Augustus Prevost, Bart.		5	5	0
Professor Sir Wm. Ramsay		*20	0	0
do. do.		5	0	0
Lady Russell Reynolds	(For 5 years)	5	0	0
Dr. H. Meredith Richards		1	1	0
Sir John Rotton		5	0	0
Carried forward		538	8	0

† £25 paid. ‡ £100 paid. * For special purposes.

		£	s.	d.
Forward		538	8	0
Mr. T. Savage		3	0	0
Mr. W. Arthur Sharpe		5	5	0
Rt. Hon. Lord Shuttleworth		10	0	0
Lord Justice Stirling	(For 5 years)	5	0	0
Mrs. S. Stirling		1	1	0
Mr. J. W. Swan	(For 5 years)	10	0	0
Mr. Sedley Taylor		5	0	0
Professor G. D. Thane	(For 5 years)	5	0	0
Sir Henry Thompson, Bart.		5	5	0
Professor F. T. Trouton		*55	0	0
Professor John Tweedy	(For 5 years)	25	0	0
Mr. Edwin Waterhouse		5	5	0
Professor F. E. Weiss		1	1	0
Professor W. F. R. Weldon	(For 5 years)	5	0	0
Mr. William Wills		1	1	0
Mr. W. H. Winterbotham		5	0	0
Mr. T. McKinnon Wood		5	0	0
Mr. R. Worsley		10	0	0
Mr. G. Udny Yule		2	0	0
		£702	6	0

DONATIONS.

	£	s.	d.
Mr. E. Filliter	5	0	0
Sir Edward Fry	5	0	0
Mr. Fielden Thorp	5	0	0
	£15	0	0
Crabb Robinson Trustees	*111	0	0
Professor Ker	†50	0	0
	£176	0	0

* For special purposes.
† For the Modern Language Library.

PSYCHOLOGICAL LABORATORY SUBSCRIPTION.

Miss A. A. Wood	£1	0	0

ORGANIC CHEMISTRY DEPARTMENT INSTITUTION FUND.

	£	s.	d.
Mr. H. A. Harben	5	0	0
Mr. C. G. Montefiore	50	0	0
Rev. S. A. Thompson Yates	200	0	0
Professor J. Norman Collie	100	0	0
	£355	0	0

f

LIBRARIES.

The donations to the Libraries during 1903 were as follows :—

	Vols.	Pmph.
Academy, Editor of the	2	0
Acevedo, E.	2	0
American Philological Association.	1	0
Analyst, Editor of the	1	0
Anthony, S. B.	2	0
Army Medical Department	1	0
Association of American Physicians	1	0
Astronomer Royal	3	1
Athenæum, Editor of the	2	0
Austin, W.	1	0
Author, Publishers of the	1	0
Bashforth, F.	1	0
Bateson, W.	0	1
Beare, Prof. T. Hudson	0	1
Beesley, Prof. E. S.	1	0
Beilby, G. T.	1	0
Board of Trade	10	0
Brandin, Prof. L. N.	1	0
Brazil, Government of	2	7
British Association	1	0
British Astronomical Association	2	0
British Dental Association	1	0
British Fire Prevention Committee	1	0
British Museum, Trustees of the	21	0
Brooke, Rev. Stopford	5	0
Camera Club	1	0
Canada, Government of	3	5
Canadian Pacific Railway	1	0
Cape of Good Hope, Government of	0	2
Chambers, R. W.	1	0
China Imp. Maritime Customs	6	0
Christiania, Videnskabs-Selskabs	4	0
Clemm, Dr. W. N.	0	1
College, City of London	1	0
,, Glasgow and West of Scotland	1	0
,, Merchant Venturers' Technical	1	0
,, Owens, Manchester	1	0
,, of Preceptors	1	0
,, Royal, of Science, London	1	0
,, ,, ,, Tokyo	0	15
,, Sanscrit, Benares	1	0
,, Sydney, Technical	2	0
,, University, Bristol	1	0
,, ,, Dundee	1	0
,, ,, North Wales	1	0
,, ,, Nottingham	1	0
,, ,, Reading	1	0
,, ,, Sheffield	2	0
,, ,, South Wales	2	0
,, Yorkshire, Leeds	2	2
Congress of American Physicians and Surgeons	1	0
Cormack, Prof. J. D.	0	1
Coubertin, P. de	1	0
Crocker, Dr. H. R.	2	0
Edwards, Dr. E. R.	1	0
Electrical Engineer, Editor of the	2	0
Ely, Talfourd	1	0
Ernest, R.	0	2
Eve, H. W.	3	0
Foster, Prof. G. Carey	2	0
Fuchs, Prof. F.	1	0
General Practitioner, Publishers of	2	0
Geologists' Association	1	0
Glasgow School of Art	0	1

	Vols.	Pmph.
Gollancz, Prof. H.	1	0
Graham, Dr.	3	0
Grassi, B.	0	1
Grevel, Messrs. H. & Co.	1	0
Halévy, Prof. E.	1	0
Halliburton, Prof. W. D.	1	0
Heath, Christopher	1	0
Henderson, B. W.	1	0
Holdsworth, Prof. W. S.	1	0
Hoskier, H. C.	1	0
Housman, Prof. A. E.	1	0
India, Government of	1	0
,, Office	3	0
Institute of Bankers	1	0
,, Chemistry	1	0
,, Marine Engineers	12	0
Institution of Civil Engineers	6	1
,, Electrical Engineers.	2	0
,, Engineers and Shipbuilders in Scotland	1	0
,, Mechanical Engineers	2	0
,, Naval Architects	1	0
Iron and Steel Institute	2	1
Italy, Government of	2	0
Japan, Government of	1	0
John Crerar Library	0	1
John Rylands Library	0	1
Johns Hopkins Hospital	1	0
Joint Scholarships Board	1	0
Kensington, Borough of	1	0
Ker, Prof. W. P.	163	0
Leftwich, R. W.	0	1
Leicester Infirmary	1	0
Local Government Board	2	0
London, Corporation of	2	0
London County Council	2	0
London School of Economics	1	0
Longmans, Green & Co., Messrs.	1	0
Loubat, Duc de	1	0
Macmillan & Co., Messrs.	1	0
Manchester Steam Users' Association	1	0
Matthews, Mrs.	2,586	0
Mehta, N. D.	1	0
Michigan College of Mines	1	0
Middlesex Hospital	1	0
Moeller, Mrs.	1	0
Montague, Prof. F. C.	4	0
Naegamvala, K. D.	1	0
Newcastle-upon-Tyne Public Library	1	0
New South Wales, Government of	6	0
Payen-Payne, de V.	5	14
Platt, Prof. J. A.	2	0
Poore, Prof. G. V.	121	0
Porter, A. W.	1	0
Ramsay, Prof. Sir W.	5	0
R. Accademia dei Lincei, Roma	5	0
Reay, The Rt. Hon. Lord	21	197
Record, Publishers of the	1	0
Reynolds, Osborne	1	0
Rotton, Sir J. F.	41	112
Royal Acad. of Medicine in Ireland	1	0
Royal College of Physicians, Edinburgh	1	0
Royal College of Physicians, London	1	0
,, ,, Surgeons, England	1	0

	Vols.	Pmph.
Royal Institute of British Architects	2	0
Royal Institution of Great Britain.	1	1
Royal Irish Academy	3	1
St. Bartholomew's Hospital	1	0
St. Mary's Hospital	1	0
Scotland, Geological Survey of	1	0
Sharpe, W. A	0	2
Society of Antiquaries	1	0
,, Aristotelian	1	0
,, of Arts	1	0
,, British Balneological	1	0
,, Cambridge Philosophical	1	0
,, Chemical	4	0
,, of Chemical Industry	1	0
,, Clinical	1	0
,, of Engineers	1	0
,, Laryngological	1	0
,, London Mathematical	1	0
,, Manchester Statistical	1	0
,, Medical	1	0
,, New York Pathological	2	0
,, Obstetrical	1	0
,, Otological	2	0
,, Pathological	1	0
,, Pharmaceutical	3	0
,, Philological	13	6
,, Physical	1	0
,, Royal Astronomical	1	0
,, Royal Medical and Chirurgical	3	0
,, Royal Microscopical	1	0
,, Royal, of Canada	1	0
,, Royal, of Edinburgh	4	0
,, Royal, of Literature	1	0
,, Royal, of London	11	2
,, Royal, of Naples	1	2
,, Royal, of Victoria	4	0
,, Royal Statistical	2	0
,, West London Medico-Chirurgical	1	0
,, Zoological, of London	4	0
South African Year Book, Publishers of	1	0
Starling, Prof. E. H.	5	0
Sydney, University Union	1	0
Tasmania, Agent-General of	1	0
Thane, Prof. G. D.	2	0
Treasury, Lords Commsrs. of the	4	0

	Vols.	Pmph.
United States, Government of	15	0
University College Chemical and Physical Society	1	0
University of Aberdeen	1	0
,, Birmingham	1	0
,, Bombay	1	0
,, California	1	0
,, Coimbra	1	2
,, Durham	5	0
,, Edinburgh	2	0
,, Glasgow	2	0
,, Harvard	2	0
,, Havana	1	1
,, Iowa	1	0
,, Jassy	1	0
,, Johns Hopkins	2	0
,, Julius-Maximilians, Wurzburg	0	5
,, Laval, Quebec	1	0
,, London	6	3
,, McGill, Montreal	2	0
,, Melbourne	1	0
,, Nebraska	1	0
,, Otago	1	0
,, Padua	0	1
,, Panjab	1	0
,, Paris	0	1
,, Rome	1	0
,, St. Andrews	1	0
,, Sklad, Lemberg	1	0
,, Sydney	3	0
,, Syracuse	0	5
,, Toronto	1	0
,, Victoria	1	0
,, Vienna	0	5
,, Wales	1	0
,, Yale	1	0
Vernon-Harcourt, Prof. L. F.	1	0
Vinrace, D.	1	0
Wambaugh, Prof. E.	1	0
Ward, H. G.	2	0
Wellcome Research Laboratories	0	5
Westminster Hospital	1	0
Weymouth, E. S.	22	0
Williams, Dr. R. A.	0	8
Woods, M. E.	0	1
Zeitschrift für das gesamte Brauwesen, Publishers of the	1	0

Dr. COLLEGE ESTABLISHMENT.—INCOME AND

INCOME.	£ s. d.	1902-1903. £ s. d.	1901-1902. £ s. d.
COLLEGE:			
Students' Fees, including proportions of L.C.C. and Parliamentary Grants as under and Middlesex C.C. (£20), Bedford College (£35 14*s.* 6*d.*)	15,229 11 6		
Ditto, Chemistry Department	1,526 8 0		
		16,755 19 6	15,930 7 6
Share of Hospital Fees	.....	547 0 0	565 10 0
Chemistry Department, Donations &c. for Assistants and Apparatus	.....	122 5 0	
DIVIDENDS from Invested Funds, viz.:—			
Bacon Fund	36 19 11	.....	38 3 7
Brundrett Fund	33 11 0	.....	31 7 4
Cama Fund	3 8 9	.....	3 14 1
College Fund	60 7 6	.....	59 12 6
Hebb Fund	12 11 6	.....	11 15 2
Holme Fund (Medical School Expenses)	902 15 8	.....	898 10 4
Library Deposit Fund	8 1 8	.....	8 1 5
		1,057 16 0	
Rents, &c.	.....	230 2 4	209 19 4
Parliamentary Grant, Session 1902–1903, *less* appropriated for Students' Fees above	3,000 0 0 117 12 0		
		2,882 8 0	2,857 4 0
Subscriptions and Donations in response to Appeal of February 1901	.....	717 6 0	781 12 0
London County Council Grant *less* appropriated for Students' Fees above	1,673 12 0 673 12 0		
		1,000 0 0	1,500 0 0
Crabb Robinson Trustees Grants for Athletic Ground &c.	55 0 0		
" " " for Sundry Repairs &c.	56 0 0		
		111 0 0	267 2 0
Balance of Sir F. H. Goldsmid's Fund Dividends	.....	831 4 6	810 15 5
Trust Funds for Expenses of Administration	.....	191 0 0	260 0 0
Sundry Receipts in respect of Apparatus, Examination, and Registration Fees	.....	66 16 4	84 15 2
Balance of Subscriptions to Chemical Laboratory	.....	.....	1 11 0
Sales of Calendars, Calendar Advertisements, and Museum Catalogues	.....	52 2 9	51 9 6
Locker Rents	.....	107 18 0	101 5 0
Evening Class Fees	.....	64 1 0	54 18 0
Payments by various Societies for lighting, &c.	.....	165 17 7	67 2 0
Chemistry Apparatus proportion of Fees repaid in view of new financial arrangements with University of London	.....	134 7 6	
SCHOOL:			
Tuition Fees	8,762 5 0	.....	8,156 8 0
Entrance Fees	49 17 6	.....	45 0 0
Gymnastic Fees	99 17 0	.....	103 11 0
Drawing Fees	69 5 0	.....	48 10 0
Carpentering Fees	100 0 0	.....	79 0 0
Shorthand Fees	38 3 0		
Fines in lieu of notice	5 5 0	.....	8 8 0
Sales of Books, Drawing Materials, and Apparatus	798 5 7	.....	774 16 10
		9,922 18 1	
BRANCH SCHOOL:			
Tuition Fees and sundry receipts	.....	1,863 15 0	1,797 6 8
		36,823 17 7	35,607 15 10
College General Capital Account, Balance on the year being Excess of Expenditure over Income (see Balance Sheet, page 58)	.....	774 0 1	988 3 5
		£37,597 17 8	£36,595 19 3

COLLEGE, LONDON.

EXPENDITURE ACCOUNT.—SESSION 1902–1903. *Cr.*

EXPENDITURE.	1902–1903. £ s. d.	1902–1903. £ s. d.	1901–1902. £ s. d.
COLLEGE SOLELY:			
Professors' Salaries	2,638 13 8	.....	3,405 0 0
,, Share of Fees	7,182 10 4	.....	7,207 0 1
Fees Returned	118 2 6	.....	94 7 0
		9,939 6 6	
Grants to Professors for Assistance and Apparatus and for Repairs to Apparatus	.....	1,984 5 0	2,511 7 4
Class of Chemistry, Assistants, Attendants, and Apparatus	1,273 5 2		
Fees Returned	11 11 0		
		1,284 16 2	
Advertising, Printing, and Stationery	.....	795 10 0	740 9 2
Prizes	.....	149 18 3	152 16 2
Postage and Miscellaneous Expenses	.....	123 11 2	74 11 8
Chemistry Apparatus (Practical Chemistry Class Room)	.....	.....	189 2 10
Holme Professors, Teachers and Apparatus	.....	718 0 10	539 11 7
Special Apparatus &c. provided from Subscriptions Account (Appeal of February 1901)	.....	245 8 6	269 11 6
Examiners' Fees	.....	24 4 0	26 6 0
Evening Classes	.....	53 19 3	68 7 8
Lady Superintendent's Salary	.....	100 0 0	100 0 0
Library, including Librarian's and Library Assistants' Salaries (less £8 3*s.* 4*d.* Sundry receipts)	.....	502 2 3	514 16 8
Museum and Laboratory Attendants &c.	.....	925 15 0	967 17 0
Installation of Electric Light	.....	27 1 0	140 17 3
Psychological Laboratory	.....	42 0 0	12 1 6
Athletic Ground: Crabb Robinson Grants	.....	55 0 0	75 0 0
Medical Entrance Exhibitions for Scholars, and Advertisements	.....	134 8 0	134 18 6
Geology Museum	.....	13 13 0	
SCHOOL SOLELY:			
Masters' Salaries (including £120 transferred to Retired Masters' Fund for Investment and £41 10*s.* 9*d.* transferred to Masters' Salaries Suspense Account)	6,966 13 9	.....	6,564 18 6
Teacher of Gymnastics	99 17 0	.....	101 15 6
Carpentering: Teachers and Expenses	42 7 4	.....	40 9 8
Shorthand Teacher	38 3 0		
Books, Drawing Materials, Advertising, Printing, Stationery, Postages, and Apparatus	973 14 7	.....	907 13 4
Prizes (less £9 Sundry receipts)	28 13 3	.....	41 10 11
Contribution to Expenses of Distribution of Prizes	7 10 0	.....	7 10 0
Beadles, Attendants, and Liveries	188 2 0	.....	201 13 6
Installation of Electric Light	12 5 0	.....	
		8,357 5 11	
BRANCH SCHOOL (including £6 transferred to Retired Masters' Fund for Investment)	.....	1,793 17 8	1,745 7 7
COLLEGE AND SCHOOL JOINTLY:			
Office Salaries	.....	1,383 18 2	1,361 13 0
Late Secretary (Pension)	.....	250 0 0	250 0 0
Auditor's Fee	.....	31 10 0	31 10 0
Beadles, Porters, and Liveries	.....	1,299 6 11	1,208 19 8
Law Expenses	.....	39 0 2	54 4 9
Interest on Loan	.....	924 5 11	929 13 3
Rates, Taxes, and Insurance	.....	1,813 19 8	1,888 5 2
Additions, Alterations and Repairs to Buildings, Fittings and Furniture	1,394 15 5	.....	
Ditto, House Carpenters and Materials	520 3 8		2,303 18 9
New Drainage Works	817 0 0		
		2,731 19 1	
Fire and Light	.....	1,531 0 1	1,402 5 7
Household Stores	.....	264 15 8	230 0 2
Garden and Grounds	.....	57 19 6	50 8 0
Contribution to Conversazione	.....	.....	50 0 0
		£37,597 17 8	£36,595 19 3

JOHN HENNELL.
GEORGE A. AITKEN.
EDWIN WATERHOUSE, F.C.A.
} *Auditors.*

January 12th, 1904.

Dr. COLLEGE TRUST FUNDS.—INCOME AND

INCOME.	1902-1903. £	s.	d.	1901-1902. £	s.	d.
To Trust Fund Dividends, viz.:—						
Andrews	187	6	3	187	1	10
Astor	671	8	1	.....		
Atchison	113	10	2	112	15	2
Atkinson-Morley	167	18	6	167	14	6
Barlow	25	17	7	26	9	7
Berridge	281	17	2	279	19	11
Bruce	9	8	4	9	8	2
Bucknill	147	11	1	147	5	9
Campbell Clarke	21	5	7	.....		
Carpenter		18	11	.....		
Case	25	3	11	25	3	5
Cluff	7	10	8	7	10	6
Cook	5	7	2	5	7	3
Crabb Robinson	90	1	10	89	6	11
De Moleyns	15	3	9	15	10	4
Derby	56	7	9	55	15	5
Edwards	140	7	3	140	10	1
Ellen Watson	16	2	5	15	13	0
Emanuel	4	18	9	4	18	7
Erichsen	14	6	3	14	5	10
Fellowes	17	1	8	16	19	8
Fielden	188	6	8	188	2	8
Filliter	32	14	5	32	13	7
Goldsmid Professorships	92	14	4	92	2	6
Goldsmid, Sir F. H., Bart.	1,236	4	6	1,219	0	9
Goodall	19	2	1	19	2	5
Grant	62	8	6	62	0	0
Grote	209	14	2	209	9	6
Hawkes-Tucker	4	2	8	.....		
Heimann	1	13	2	1	13	0
Hollier	154	10	5	157	19	10
Holloway	76	11	6	76	9	8
Horton	20	2	8	19	18	2
Hume	52	17	10	52	15	10
Jews' Commemoration	27	18	1	28	9	1
Jodrell Physiology	249	5	1	248	19	9
Jodrell Zoology	237	19	0	237	14	0
Lewis	2	17	6	2	17	2
Liston	10	3	6	10	2	2
Malden	22	0	11	22	0	0
Mayer de Rothschild	43	19	9	43	10	6
Mill	18	16	4	18	15	11
Morley		12	8		12	7
Morris Bursary	15	9	9	15	9	4
Morris, John	3	17	4	3	17	0
Nettleship	3	15	0	3	15	4
Newmarch	57	10	10	56	9	3
Peel	44	3	3	45	3	0
Peene	48	15	9	48	14	7
Pender Memorial	138	3	6	138	3	6
Postgate	1	11	6	1	8	3
Quain	1,590	6	6	1,591	1	2
Quain Law	356	3	6	346	6	1
Retired Masters	73	1	0	67	2	3
Retired Professors	213	9	0	208	5	9
Ricardo	41	19	1	41	18	5
Savage	4	6	4	4	5	7
Schäfer	5	16	6	5	15	8
School Science	16	18	10	16	16	8
Sharpey	99	16	6	99	8	6
Slade Prizes	69	9	4	69	7	6
Slade Professorship	218	4	3	217	19	3
Slade Scholarships	301	1	7	300	15	2
Tapson	40	3	0	40	3	0
Tuffnell	163	3	2	162	19	8
Tuke	1	17	7	1	17	10
Warr	2	17	2	2	17	2
West	28	5	0	28	4	5
Yates Archæology	390	7	5	377	6	5
Yates Geology	235	10	10	217	8	6
Yates Thompson	14	17	11	.....		
	£8,965	10	3	£8,179	4	3
Balance on the year, being Excess of Expenditure over Income (See Balance Sheet, page 58.)	420	18	2	423	12	8
	£9,386	8	5	£8,602	16	11

COLLEGE, LONDON.

EXPENDITURE ACCOUNT.—SESSION 1902–1903. *Cr.*

EXPENDITURE.	1902-1903. £	s.	d.	1901-1902. £	s.	d.
By Application of Trust Fund Dividends, viz.:—						
Andrews: Scholars and Expenses	170	0	0	185	11	8
Astor: Professors	684	0	2	.....		
Atchison: Scholars and Expenses	115	0	0	110	0	0
Atkinson-Morley: Surgical Museum Catalogue Fund, Curator, Examiners and Expenses	268	16	2	269	19	6
Barlow: Lecturer and Expenses	25	17	7	26	9	7
Berridge: Professors and Lecturer	286	0	0	311	0	0
Bruce: Medal and Fittings	29	5	4	66	1	8
Bucknill: Scholars and Examiners	255	5	0	12	2	0
Carpenter		18	11	.....		
Case: Exhibition	25	0	0	25	0	0
Cluff: Prize	15	0	0	.....		
Cook: Prize	5	7	2	5	7	3
Crabb Robinson: Beadles and Repairs to Flaxman Gallery	76	19	3	108	15	6
De Moleyns: Electrical Apparatus	15	10	10	15	10	4
Derby: Scholar, Curator and Expenses	157	6	3	92	6	10
Edwards: Professor	141	0	0	141	0	0
Ellen Watson: Scholar	15	0	0	15	0	0
Emanuel: Prize	4	18	9	4	18	7
Erichsen: Instruments and Expenses	15	15	0	16	12	5
Fellowes: Medals and Expenses	16	7	6	129	4	10
Fielden: Professors and Scholars	184	14	7	198	6	8
Filliter: Scholar and Expenses	31	0	0	71	0	0
Goldsmid Professorship: Professors	92	14	4	71	13	6
Goldsmid, Sir F. H., Bart.: Professors and Expenses	405	0	0	406	13	4
,, ,, ,, : College Establishment	831	4	6	810	15	5
Goodall: Scholar	20	0	0	.....		
Grant: Books and Binding	71	16	3	56	10	3
Grote: Professor	209	14	2	209	9	6
Hawkes-Tucker	4	2	8	.....		
Heimann: Medals	1	11	0	1	11	0
Hollier: Professor, Scholars, and Expenses	244	15	0	205	0	11
Holloway: Exhibitioners	76	9	0	89	1	0
Horton: Scholar	20	0	0	20	0	0
Hume: Scholars and Expenses	56	13	0	64	1	10
Jews' Commemoration: Scholars, and Expenses	31	10	0	46	10	0
Jodrell Physiology: Professor	249	5	1	248	19	9
Jodrell Zoology: ,,	237	19	0	237	14	0
Lewis: Prize	2	17	6	2	17	2
Liston: Engraving		4	0	.....		
Malden: Scholar and Medal	21	13	0	20	4	0
Mayer de Rothschild: Scholar and Expenses	105	0	0	65	0	0
Morley: Medal		12	5		12	8
Morris Bursary: Bursar	15	0	0	15	0	0
Morris, John: Prize	3	17	0	.....		
Nettleship: Prize	3	15	0	3	15	4
Newmarch: Lecturer	57	10	10	56	9	3
Peel Memorial: Books, &c. for Working Men's Societies	44	7	8	81	2	0
Peene: Purchase and binding of Books	56	4	11	42	11	7
Pender Memorial: Electrical Apparatus	138	3	6	138	3	6
Postgate: Prize	.....			1	1	0
Quain: Professors, Assistants, and Apparatus	1,752	18	7	1,679	2	7
Quain Law: Professor and Expenses	354	12	8	348	19	3
Retired Master	10	0	0	10	0	0
Retired Professors	30	0	0	100	0	0
Ricardo: Professor and Books	10	18	0	107	2	9
Savage: Prize	4	6	4	4	5	7
School Science: Prizes	2	0	0	2	3	6
Sharpey Scholarship: Scholar	99	16	6	99	8	6
Slade Prizes: Prizes	67	0	0	68	0	0
Slade Professorship: Professor	218	4	3	217	19	3
Slade Scholarships: Scholars, Models and Expenses	471	13	0	439	4	3
Tapson: Mrs. Tapson's Exors.	25	0	9	20	1	6
Tuffnell: Scholars and Expenses	207	11	6	109	13	6
Tuke: Medals	1	14	6	1	13	0
Warr: Bursar	.....			10	0	0
West: Scholar and Expenses	32	0	0	32	0	0
Yates Archæology: Professor, Library, &c.	297	10	0	390	11	3
Yates Geology: Professors	200	0	0	203	8	2
				£8,602	16	11
	£9,386	8	5	£8,602	16	11

JOHN HENNELL.
GEORGE A. AITKEN.
EDWIN WATERHOUSE, F.C.A. } *Auditors.*

UNIVERSITY

Dr. GENERAL BALANCE SHEET OF

LIABILITIES.

	£ s. d.	£ s. d.
To College General Capital Account*.		
Balance, 31st August, 1902	159,803 13 3	
Deduct : Balance of College Establishment Account, being the excess of Expenditure over Receipts for the year. (See Account, page 54)	774 0 1	
		159,029 13 2
To Trust Funds Account, as below		3,175 4 1
To Loan from Bankers		30,000 0 0
To Loan from Equipment and Endowment Fund Committee		4,200 0 0
To Hospital Dividends and Fees Account		933 11 1
To Annual Subscriptions received in advance		75 0 0
To Sundry Outstanding Accounts.		
Chadwick Trust	399 8 11	
Physics Apparatus	117 7 2	
Apparatus and Keys deposits	133 8 8	
Masters' Salaries Suspense Account	114 18 0	
College Composition Fees Suspense Account	256 14 0	
Sundry Accounts	1.8 0 7	
		1,149 17 4
		£198,563 5 8

* Exclusive of Equipment and Endowment Fund in course of collection.

TRUST FUNDS.—BALANCE

	£ s. d.	£ s. d.	£ s. d.
To College Trust Funds Capital Account.			
Balance 31st August, 1902		278,608 7 8	
Add Donations &c. during the year :—			
„ Astor Professorship Endowment transferred from Equipment and Endowment Account	20,000 0 0		
„ Yates Thompson do. do. do. do.	1,001 1 0		
„ Campbell Clarke Scholarship Endowment	1,500 0 0		
sundry Donations	41 1 0		
	22,542 2 0		
„ sundry Dividends invested (see below)	601 8 0		
„ amounts transferred from School and Branch School Fees Accounts, and invested	126 0 0		
		23,269 10 0	
To Hospital Trust Funds Capital Account.			301,877 17 8
Balance 31st August, 1902		139,032 9 3	
Add Bequests &c. received during the year		21,425 6 0	
		160,457 15 3	
Less paid Treasurer of the Hospital per Coutts & Co. : Cash		12,282 9 9	
			148,175 5 6
To College Trust Funds Income Account.			
Balance 31st August, 1902, being the sum of the Balances on Income Account at that date		4,212 12 6	
Less Invested as above	601 8 0		
„ Excess of Expenditure over Income during the year (see Account, page 56)	420 18 2		
„ Tapson Dividend in hand	15 2 3		
		1,037 8 5	
Balance 31st August, 1903, after deducting £33 6*s.* 1*d.* in respect of overdrawn accounts			3,175 4 1
			£453,228 7 3

COLLEGE, LONDON.

THE COLLEGE, 31st AUGUST, 1903. *Cr.*

ASSETS.

	£ s. d.	£ s. d.
By College Freehold Land, Buildings, Furniture, Library, etc., being the *Land with the Buildings of the College* and the Buildings Extensions, at the approximate valuation of 31st August, 1897	.....	186,000 0 0
By College Investments as per List annexed, at the approximate valuation of 31st August, 1897, but of a present value of about £3,705	.....	4,414 8 9
By Gower Street Houses. Cost as at 31st August, 1895	.....	4,500 0 0
By School Athletic Ground.—Eve Memorial Trust. Loan to the Trust	.....	1,242 15 2
By Refreshment Department, plant, &c.	.....	284 9 9
By Sundry outstanding Accounts.		
Tapson:—Executors of Tapson deceased	188 9 1	
Chemistry Organic Account: Institution Expenditure to date £1,338 15*s.* 8*d.* less subscriptions	983 15 8	
Medical Entrance Exhibitions ..... (Expenditure	54 19 7	
Pathological Museum and Catalogues. in suspense.)	43 18 4	
		1,271 2 8
By Cash at Bankers	793 10 10	
„ in hand	56 18 6	
		850 9 4
		£198,563 5 8

SHEET, 31st AUGUST, 1903.

	£ s. d.
By College Trust Funds as per List annexed, standing in the books at a balance of total cost of ..... but, at valuations within the market prices of the day, of an approximate value of £313,000.	301,877 17 8
By Hospital Investments, as per List annexed, standing in the books at a balance of total cost of ..... but, at valuations within the market prices of the day, of an approximate value of £165,000.	148,175 5 6
By Balance owing by College General Account	3,175 4 1
	£453,228 7 3

JOHN HENNELL.
GEORGE A. AITKEN.
EDWIN WATERHOUSE, F.C.A. } *Auditors.*

INVESTED FUNDS (College). 31st August, 1903.

	1. Consols 2½ %.	2. Bank Stock.	3. Metropolitan 3 %.	4. Metropolitan 3½ %.	5. Indian 3½ %.	6. Birmingham 3 %.	7. Liverpool 3½ %.	8. Nottingham 3 %.	9. Portsmouth 2½ %.	10. Swansea 3 %.	11. Scinde Railway Annuity B.	12. Bombay 5 %.	13. East-Indian Railway Annuity B.	14. Great Central Railway 4½ %.	15. Great Eastern 4 %.	16. Great Indian Pen. Annuity Class B.	17. Great Northern 4 %.	18. Great Western 5 %.	19. Hammersmith and City.	20. Lancashire and Yorkshire 3 %.	21. London, Brighton, & South Coast Railway 4½ %.	22. London and North-Western 3 %.	23. London and South-Western.	24. Madras 5 %.	25. Metrop. Dist. 6 %.	26. Midland 2½ %.	27. North London.	28. Railway Invest. Co. Limited 4 %.	29. South-Eastern.	30. Cardiff Railway Debenture 3 %.	31. Eadie Brewery 4 %.	32. European Petroleum Co. Limited £1 Pref Shares.	33. Sheffield Corporation 3 % Stock.	34. Elkington Trust Limited £1 Ord. Shares.	35. Canadian 4 % Stock.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£	£ s. d.	£ s. d.	£ s. d.	£	£	£	£ s. d.	£	£	£	£	£	£ s. d.	£ s. d.	£	£	£ s. d.	£	£	£	£	£	£	£	£	£	£
Bacon												598 4 4																								
Brundrett			1,109 10 10																																	
Cama												55 15 8																								
College																																				
Hebb			416 15 6																																	
Andrews Scholarships				5,686 5 0																				1,200												
Astor Professorships	21,149 18 11																																			
Atchison Scholarship			3,938 0 8																																	
Do. Accumulation of Dividends			62 12 10																																	
Atkinson-Morley Scholarship				4,428 1 0																																
Do. Accumulation of Dividends			133 0 0	553 6 11																																
Barlow Lectureship	1,000 0 0																																			
Do. Accumulation of Dividends			19 19 9																																	
Berridge										9,933 1 7																										
Bruce Medal																																				
Bucknill								1,391 19 9	2,000													333 6 8														
Campbell Clarke Scholarship																																				
Carpenter Prize																							1,500 0 (c)						2,000 (c)			333		37½		
Case Exhibition and Prize																																				
Cluff Memorial Prize																						669 0 (e)														
Cook Prize				161 6 6																		266 13 4														25
De Moleyns	601 9 3																																			
Derby Scholarship								1,987 10 6																												
Edwards Professorship													57		2,415																					
Ellen Watson Scholarship			178 11 5		347 16 6																															
Emanuel Prize							150 0 0																													
Erichsen Prize																																				
Fellowes Medal			508 1 9																			380 0 (e)														
Do. Accumulation of Dividends			93 9 6																																	
Fielden Professors and Scholars																																				
Filliter Exhibition				991 17 0																									4,000 (g)							
Goldsmid Professorships			3,267 6 0																																	
Goldsmid, Sir F. H., Bart.			25,493 1 6										297			267 2 0																				
Grant (Zool. Library)			2,201 8 0																																	
Grote Professorship																																				
Hawkes-Tucker Prize																																				
Heimann Medal				50 0 0				145 17 0														7,423 6 8														
Hollier Scholarships	4,907 11 10																																			
Do. Examination	1,200 0 0																																			
Holloway Exhibitions				2,217 5 0																																
Do. Accumulation of Dividends				105 6 1																																
Holme		2,700	138 19 0								183 3 0																									
Horton Scholarship								709 14 2																10,000												
Hume Memorial Scholarships			180 8 0	1,247 17 0																																
Do. Accumulation of Dividends			151 6 0	70 14 6																																
Jews' Commemoration Scholarship	1,000 0 0																																			
Do. Do. Accumulation of Dividends				79 1 6																																
Jodrell Physiology Professorship							7,562 13 11																													
Do. Zoology Professorship					7,220 4 4																															
Lewis Prize								101 10 3																												
Library Deposit			88 13 0	76 13 6	90 9 3						1 2																									
Liston Medal			302 0 6																																	
Do. Accumulation of Dividends			56 16 2																																	
Malden Medal and Scholarship			230 12 9	470 6 10																																
Mayer de Rothschild Exhibition																66 15 6																				
Melvill Nettleship Prize																																				
Mill Scholarship																															100					
Morley Medal								22 7 6																	333											
Morris Bursary			35 9 5																				470 0 (d)													
Morris Prize			100 17 8																																	
Newmarch Lectureship																												1,524								
Peel	1,745 15 1																																			
Peene				1,480 16 6																																
Pender Professorship		1,381 15 0																																		
Postgate			17 7 2																																	
Quain	5,590 2 11											790 0 0		1,000		588 19 11	3,375	2,000	4,000				2,666 0 (c)			9,440 0 0				8,320				50	
Quain Law						1,107 9 7														3,333						4,395 5 5			3,000 (f)						
Retired Masters			2,480 2 10					209 6 2																												
Retired Professors	1,301 3 9		1,810 14 11					1154 1 2										2,100																		
Ricardo Scholarship				569 15 0																																
Do. Do. Accumulation of Dividends				701 18 8														1,800																		
Robinson Crabb (Flaxman)																																				
Savage Prize								152 5 5																												
Schäfer Memorial			205 1 2																																	
School Science Exhibition, &c.			596 0 8																																	
Sharpey Scholarship			129 0 6													48 1 9								400		1,942 8 0										
Slade Professorship					6,620 2 8																															
Do. Scholarships					9,135 4 1																															
Do. Prizes					2,108 9 3																															
Tapson		401 8 8																																		
Trevelyan Goodall Scholarship																										811 1 11										
Tuffnell Scholarships					4,950 9 11																															
Tyer Memorial															50																					
Ware Bursary			100 17 8																																	
West Scholarship																		600																		
Yates Archæology Professorship																																				
Do. Geology Professorship																						3,842 0 (a)						5,402 (a)								
" "																						375 0 (e)						1,000 (b)								
Yates Thompson																					700 (f)															
	38,496 1 9	4,483 3 8	44,046 5 2	18,890 11 0	30,472 16 0	1,107 9 7	7,712 13 11	5,874 11 11	2,000	9,933 1 7	183 4 2	1,444 0 0	354	1,000	2,465	970 19 2	3,375	6,500	4,000	3,333	700	13,289 6 8	4,636 0 0	11,600	333	16,588 15 4	6,402	1,524	9,000	8,320	100	333	50	37 10	25
Endowment and Equipment Account*	7,946 6 10																																			

Standing at a Book value of £4,414 9s. 9d., but, at valuations within the market prices of the day, of an approximate value of £5,705.

Standing at a Book value of £301,877 17s. 8d., but, at valuations within the market prices of the day, of an approximate value of £313,000.

* This amount has been purchased in the name of the College by the Committee of the Endowment and Equipment Fund, but has not yet been transferred to the Council.

(a) Stock. (b) Preference Stock. (c) 3 %. (d) 3½ %. (e) 4 %. (f) 4½ %. (g) 5 %.

INVESTED FUNDS (Hospital). 31st August, 1903.

	1. Consols 2½ %.	2. Bank Stock.	3. Metropolitan 3 %.	4. Metropolitan 3½ %.	5. Indian 3 %.	6. Indian 3½ %.	7. New South Wales.	8. Nottingham 3 %.	9. Scinde Railway Annuity B.	10. Bombay 5 %.	11. East Indian Railway Annuity B.	12. Great Central Railway 4¾ %.	13. Great Eastern 4 %.	14. Great Indian Peninsula.	15. Great Northern 3 %.	16. Great Western 5 %.	17. Lancashire and Yorkshire 4 %.	18. London, Brighton, and S. Coast 5 %.	19. London and North-Western 3 %.	20. Local Loans 3 %.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£	£ s.	£	£	£ s. d.	£ s. d.	£	£	£	£ s. d.	£ s. d.
For special purposes	2,862 10 3	4,026 5 2	27,959 0 10		5,769 17 3	2,972 15 2	3,625 9 10 (b) 085 4 4 (c)	2,202 8 7	104 17 0	1,920	100 5	870	340	66 15 6 (d) 1,500 0 0 (b)		275			1,000 13 4	999 6 6
general "	31,206 5 8														10,666 13 4		1,725	768		
Yates's Bequest*		3,301 6 6	36,541 14 11	512 12 11				594 15 4	58 18 3	600										
	34,068 15 11	7,327 11 8	64,500 15 9	512 12 11	5,769 17 3	2,972 15 2	4,310 14 2	2,797 3 11	163 15 3	2,520	100 5	870	340	1,566 15 6	10,666 13 4	275	1,725	768	1,000 13 4	999 6 6

Standing at a Book value of £148,175 5s. 6d., but, at valuations within the market prices of the day, of an approximate value of £156,000.

(a) 5 %. (b) 4 %. (c) 3½ %. (d) Annuity Class B.

* One-half of the income of this Bequest is for General Purposes, and the other half for the Samaritan Fund.

JOHN HENNELL.
GEORGE A. AITKEN.
EDWIN WATERHOUSE, F.C.A. } *Auditors.*

January 12th, 1904.